Lake Huron Commercial Fishing Summary for 2005

Upper Great Lakes Management Unit
Lake Huron
Report TR-LHA-2006-1

Ontario
Ministry of Natural Resources
Ministère des Richesses naturelles

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R.A. Cottrill and S.R. Gile

Ontario Ministry of Natural Resources
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INTRODUCTION

The commercial fishery in the Ontario waters of Lake Huron is managed by the Ontario Ministry of Natural Resources (OMNR), Upper Great Lakes Management Unit in cooperation with native and non native commercial fishermen throughout the lake. In order to assist in describing and managing this fishery, a report of commercial fishing activity is produced annually which not only summarizes the commercial fishing activity the over past year, but also provides a short historical record of commercial data.

Commercial fishing activity on Lake Huron uses harvest quotas. In place since 1984, this method allocates a maximum harvest for all quota managed species to all licensed and controlled fisheries within a specified quota management area (QMA) (Figure 1). The sum for all fishermen is the total quota for a particular species in a QMA. Not all fish species in Lake Huron are quota managed, but when caught commercially, they are included in this report with no associated quota value.

This report contains Lake Huron commercial summaries for the whole lake, for each of the three basins, and for individual QMAs. It also contains commercial fishing statistics (harvest, effort, targeted CPUE, quota, % quota taken) for the major fish species in each of the QMAs for the period 1988 to 2005. In locations where more than one fishing gear was employed, results are given for each of the fishing gears used.

Licensed commercial fishermen in Lake Huron are required to report effort, catch and harvest information using Daily Catch Report (DCR) forms. In addition, commercial fisheries operating under fishing agreements in Lake Huron are required to report similar information to the OMNR on an annual basis. These data provide the basis for the summaries found in this report. These data are used in further stock assessment analyses.

In recent years, the Upper Great Lakes Management Unit has attempted to audit and update historical commercial fish information as much as possible, as well as develop a process for summarizing the information for publication. Consequently, the data are updated as required and the summaries in this report are re-generated on an annual basis. This means that any changes made to data after publication may result in differences between this report and past reports. For comparative purposes, this report should be considered the most up to date and correct when compared to previously published reports.

While every attempt is made by all parties to ensure the data presented in this report are complete, circumstances sometimes prevent this from happening. For 2005, some commercial fishing information was unavailable at the time of printing of this report. This includes catch, harvest, and effort information for QMAs 4-4, 4-7, 5-6, and 5-8. In addition, not all information was available for QMAs 5-3, 5-7, and 6-1. This information will be included in future reports once it becomes available.

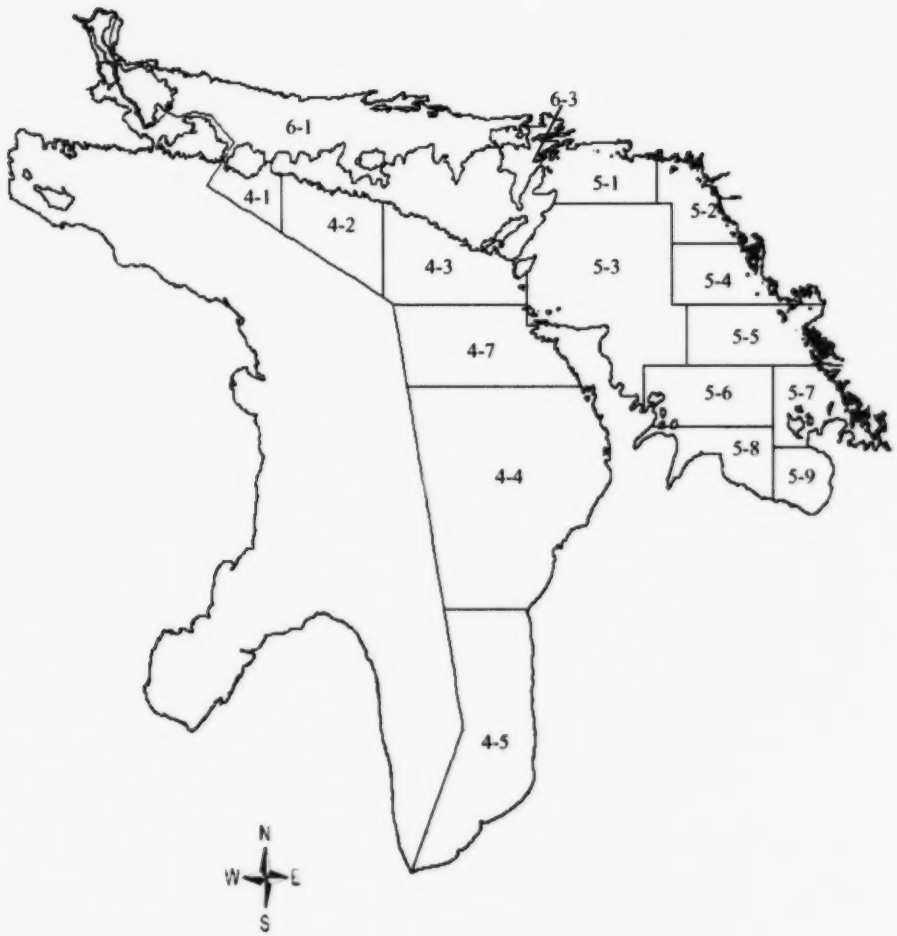

Figure 1. Lake Huron quota management areas. The main basin is comprised of QMAs 4-1 to 4-7. Georgian Bay is comprised of QMAs 5-1 to 5-9. The North Channel is comprised of QMAs 6-1 and 6-3.

INTRODUCTION

DISCUSSION

The commercial fishery in 2005 was comprised of 43 licensed commercial fisheries and 8 Aboriginal commercial fishing agreements. The number of fisheries in Lake Huron has declined in recent years; in 2005 there were 2 commercial fisheries that were retired from operation. The majority of the fisheries continue to be gill net fisheries with 2 trap net fisheries continuing to operate, one in southern Lake Huron and the other in the northern main basin, off the south western shore of Manitoulin Island.

In 2005, the commercial harvest in Lake Huron continued to be dominated by lake whitefish (Table 1), the percent of quota taken in each QMA ranged from 5% to 95% throughout the lake (excluding those zones where reporting was incomplete). In general, lake whitefish harvest has declined in recent years. A number of issues other than fish abundance have been implicated including market demand, increasing operational costs, incidental catches of non-target species, bad weather, and environmental conditions.

Lake trout have become the second highest component of the total catch in recent years followed by walleye and yellow perch. Known lake trout catches also declined in 2005, both in total amount and in relation to lake whitefish catch. Walleye, yellow perch and chub catches continue to be quite low throughout the lake. Lake herring and round whitefish catches continue to contribute to the overall harvest in Lake Huron.

Updated quotas were introduced for lake trout in the North Channel in 2005 and were adjusted in the main basin of the lake. Only Georgian Bay and QMA 4-1 still had lake trout quotas and allowances in 2005.

GLOSSARY OF TERMS

Catch - the total weight of all fish captured in commercial fishing gear. This includes harvested fish as well as any fish that are reported released alive or discarded. The term "targeted catch" refers to catch data that are specific to fishing effort directed at a single species. Catch is derived from commercial fishers' catch reports and where necessary, from records of fish purchases by wholesalers.

CPUE - Catch Per Unit of Effort. For most species CPUE equals targeted catch divided by targeted effort for that species using a single gear type (gill net or trap net). For lake trout, effort used included all targeted lake whitefish effort plus any lake trout targeted effort.

Effort - the amount of fishing gear deployed while targeting a specific species, expressed in kilometers of net for gill nets and number of net lifts for trap nets.

Harvest - the total weight of all fish that are landed, sold, or taken home and subsequently reconciled with the commercial quota. Harvest is derived from commercial fishermen's catch reports and where necessary from records of fish purchases by wholesalers.

Percent Quota Taken - the harvest expressed as a percentage of the quota.

Quota - the total allowable commercial harvest for a species within a quota management area in a given year. This is the sum of quota specified on issued commercial fishing licenses, allowed harvests under commercial fishing agreements, and any Crown held quota considered available to be harvested in a given year. Lake trout and lake whitefish quotas may include temporary allowances in addition to quota in some years. This is sometimes referred to as issued quota.

Value - the estimated dollar value of fish sold at the first point of sale (wholesale value). Value is derived from fish price information provided by the Ontario Commercial Fisheries Association (OCFA) and the harvest data.

LAKE HURON

Table 1. Catch, harvest, and quota data for all commercially caught fish species for all three basins of Lake Huron, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	6,035	3,474	64,636	5.4	3,521
Chub	169	15	234,152	0.0	43
Lake Sturgeon	11,441	4,030	12,076	33.4	20,758
Lake Trout	261,611	235,319	289,115	81.4	225,854
Lake Whitefish	1,566,774	1,547,944	2,864,006	54.0	3,291,836
Northern Pike	397	347	14,490	2.4	501
Walleye	90,299	57,106	133,612	42.7	306,904
Yellow Perch	30,896	30,784	111,797	27.5	165,013
Sub-Total	1,967,621	1,879,019	3,723,884		4,014,430
Black Crappie	0	0			0
Brown Bullhead	13	0			0
Brown Trout	10	0			0
Burbot	9,570	116			0
Chinook Salmon	3,146	73			0
Common Carp	6,064	417			0
Freshwater Drum	21,680	143			0
Gizzard Shad	1,547	11			0
Lake Herring	15,060	11,730			7,661
Longnose Gar	85	0			0
Longnose Sucker	2	0			0
Muskellunge	466	0			0
Pink Salmon	1,416	127			0
Rainbow Smelt	195	84			0
Rainbow Trout	277	101			0
Rock Bass	100	4			0
Round Whitefish	8,804	7,505			5,080
Sea Lamprey	688	679			0
Smallmouth Bass	140	0			0
Suckers	25,279	1,098			0
White Bass	365	191			276
White Perch	104	98			17
Total	2,062,633	1,901,396	3,723,884		4,027,465

LAKE HURON MAIN BASIN

Table 4.1. Catch, harvest, and quota data for all commercially caught fish species from the main basin of Lake Huron, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	5,897	3,396	56,613	6.0	3,519
Chub	9	0	142,177	0.0	0
Lake Sturgeon	4,671	2,781	5,144	54.1	15,616
Lake Trout	170,819	154,481	217,430	71.0	160,164
Lake Whitefish	1,181,172	1,167,369	2,066,513	56.5	2,473,064
Northern Pike	0	0	1,901	0.0	0
Walleye	85,754	52,623	114,131	46.1	289,031
Yellow Perch	30,169	30,058	81,450	36.9	162,773
Sub-Total	1,478,492	1,410,708	2,685,359		3,104,167
Brown Trout	2	0			0
Burbot	3,755	4			0
Chinook Salmon	1,409	8			0
Common Carp	3,920	152			0
Freshwater Drum	21,669	140			0
Gizzard Shad	374	11			0
Lake Herring	452	373			247
Longnose Gar	0	0			0
Muskellunge	454	0			0
Pink Salmon	25	7			0
Rainbow Smelt	4	0			0
Rock Bass	3	3			0
Round Whitefish	251	10			8
Sea Lamprey	305	302			0
Smallmouth Bass	2	0			0
Suckers	8,886	445			0
White Bass	189	189			276
White Perch	24	19			17
Total	1,520,215	1,412,371	2,685,359		3,104,715

MANAGEMENT AREA 4-1

Table 4-1.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-1, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	1,287	0.0	0
Chub	0	0	5,708	0.0	0
Lake Sturgeon	3	0	203	0.0	0
Lake Trout	16,164	12,007	9,017	133.2	9,265
Lake Whitefish	55,369	55,331	94,785	58.4	109,230
Northern Pike	0	0	0	--	0
Walleye	22	22	519	4.2	73
Yellow Perch	0	0	50	0.0	0
Sub-Total	71,558	67,360	111,569		118,567
Burbot	1,060	0			0
Chinook Salmon	1,013	0			0
Common Carp	20	0			0
Lake Herring	216	154			102
Rainbow Smelt	3	0			0
Round Whitefish	196	0			0
Sea Lamprey	31	31			0
Suckers	1,012	10			0
Total	75,109	67,555	111,569		118,669

LAKE WHITEFISH

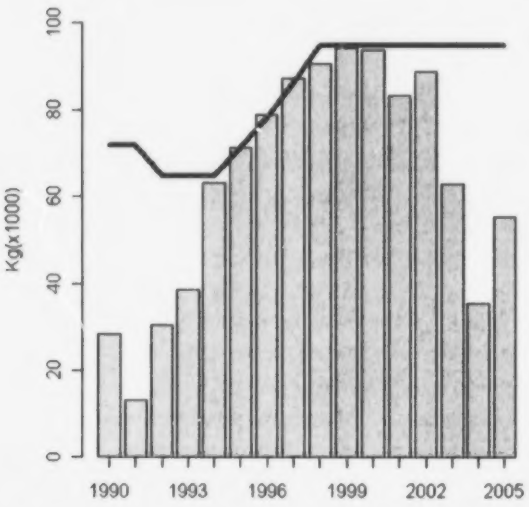

Figure 4-1.1. Lake whitefish quota (line) and harvest (bars) from management area 4-1.

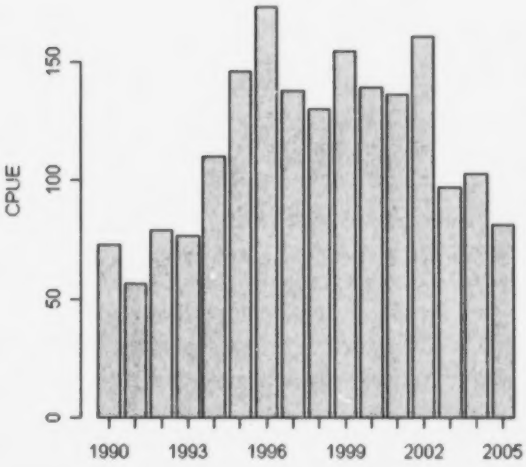

Figure 4-1.2. Lake whitefish gill net CPUE (kg/km) for management area 4-1.

Table 4-1.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-1, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	48246	623.2	76.6	71932	67.0
1989	31470	470.7	66.4	71932	43.7
1990	28359	388.6	72.9	71932	39.4
1991	13339	229.2	56.6	71932	18.5
1992	30563	385.0	79.1	64750	47.2
1993	38558	503.3	76.5	64739	59.5
1994	63092	571.3	110.4	64739	97.4
1995	71225	488.3	145.8	71213	100.0
1996	78824	453.5	173.1	78335	100.6
1997	87265	632.1	138.0	86168	101.2
1998	90780	697.5	130.4	94785	95.7
1999	94377	610.3	154.8	94785	99.5
2000	93864	645.1	139.5	94785	99.0
2001	83473	612.2	136.6	94785	88.0
2002	88782	552.2	160.9	94785	93.6
2003	62990	646.6	97.4	94785	66.4
2004	35485	346.4	102.9	94785	37.4
2005	55331	680.4	81.3	94785	58.3

CHUB

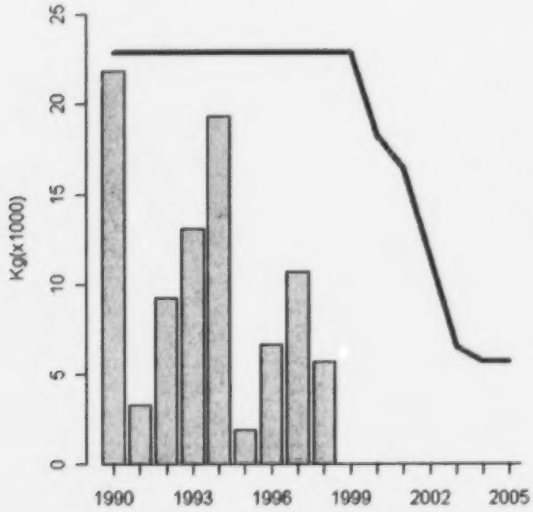

Figure 4-1.3. Chub quota (line) and harvest (bars) from management area 4-1.

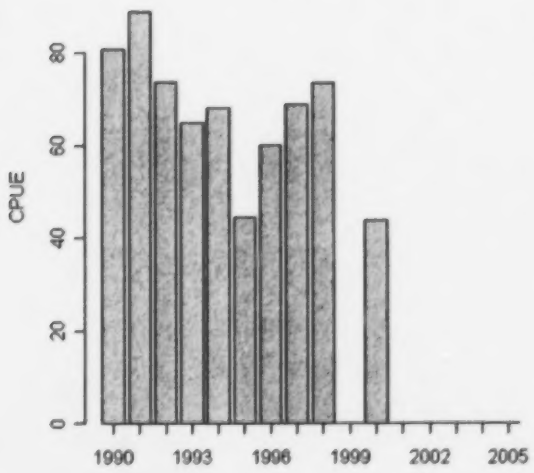

Figure 4-1.4. Chub gill net CPUE (kg/km) for management area 4-1.

Table 4-1.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-1, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	17064	213.5	79.3	20549	83.0
1989	20414	261.0	78.2	20549	99.3
1990	21818	269.6	80.9	22833	95.5
1991	3291	37.0	88.9	22833	14.4
1992	9261	125.6	73.7	22837	40.5
1993	13103	202.1	64.8	22833	57.3
1994	19341	283.9	68.0	22833	84.7
1995	1916	42.9	44.6	22833	8.3
1996	6677	111.0	60.1	22833	29.2
1997	10694	154.8	68.8	22833	46.8
1998	5675	75.4	73.5	22833	24.8
1999	63	0.0	–	22833	0.2
2000	48	1.0	47.9	18267	0.2
2001	0	0.0	–	16438	0.0
2002	0	0.0	–	11418	0.0
2003	0	0.0	–	6517	0.0
2004	0	0.0	–	5709	0.0
2005	0	0.0	–	5708	0.0

LAKE TROUT

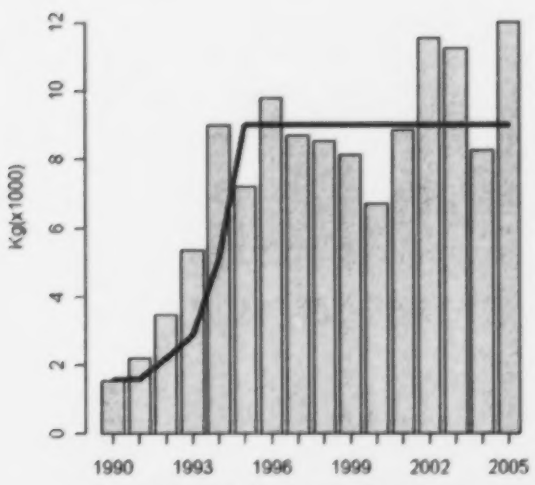

Figure 4-1.5. Lake trout quota (line) and harvest (bars) from management area 4-1.

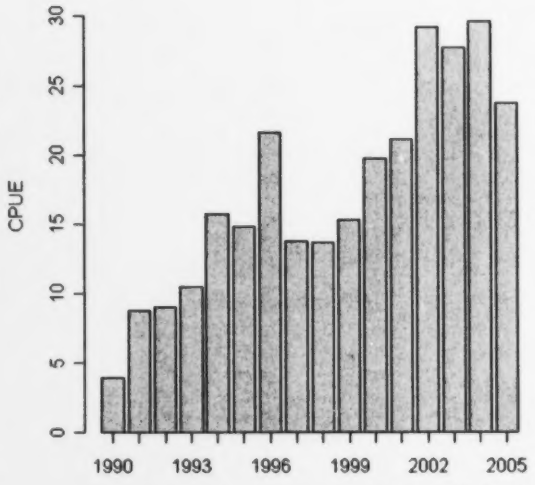

Figure 4-1.6. Lake trout gill net CPUE (kg/km) for management area 4-1.

Table 4-1.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 4-1, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	1263	2.0	710	177.8
1989	1471	2.9	710	207.1
1990	1532	3.9	1572	97.4
1991	2213	8.8	1572	140.7
1992	3464	8.9	2194	157.8
1993	5368	10.5	2884	186.1
1994	8994	15.7	5086	176.8
1995	7227	14.8	9017	80.1
1996	9793	21.5	9017	108.6
1997	8717	13.7	9017	96.6
1998	8537	13.7	9017	94.6
1999	8149	15.3	9017	90.3
2000	6708	19.7	9017	74.3
2001	8880	21.1	9017	98.4
2002	11554	29.2	9017	128.1
2003	11254	27.7	9017	124.8
2004	8278	29.6	9017	91.8
2005	12007	23.7	9017	133.1

MANAGEMENT AREA 4-2

Table 4-2.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-2, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	16	0	3,636	0.0	0
Chub	5	0	10,897	0.0	0
Lake Sturgeon	1	0	357	0.0	0
Lake Trout	25,013	19,284	17,937	107.5	14,880
Lake Whitefish	243,987	233,554	246,667	94.7	461,063
Northern Pike	0	0	129	0.0	0
Walleye	10	10	373	2.7	33
Yellow Perch	0	0	200	0.0	0
Sub-Total	269,031	252,848	280,196		475,976
Burbot	1,776	0			0
Chinook Salmon	94	6			0
Common Carp	144	144			0
Freshwater Drum	7	7			0
Lake Herring	147	140			93
Pink Salmon	7	7			0
Rainbow Smelt	1	0			0
Round Whitefish	11	4			3
Sea Lamprey	209	205			0
Suckers	3,993	3			0
Total	275,420	253,364	280,196		476,071

LAKE WHITEFISH

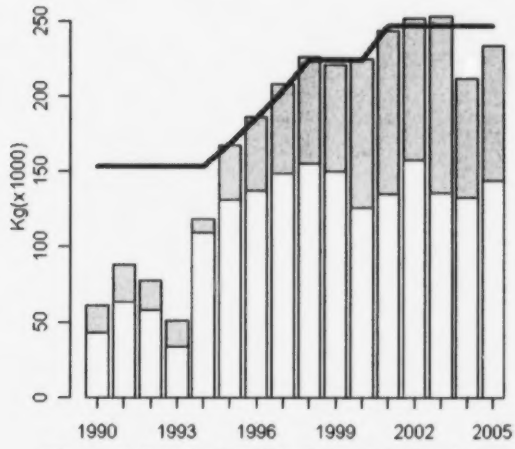

Figure 4-2.1. Lake whitefish quota (line) and harvest (bars) from management area 4-2.

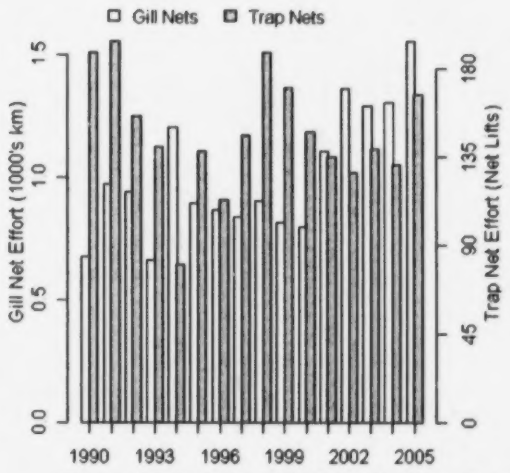

Figure 4-2.2. Lake whitefish effort for gill nets (1000's of km) and trap nets (1000's of lifts) for management area 4-2.

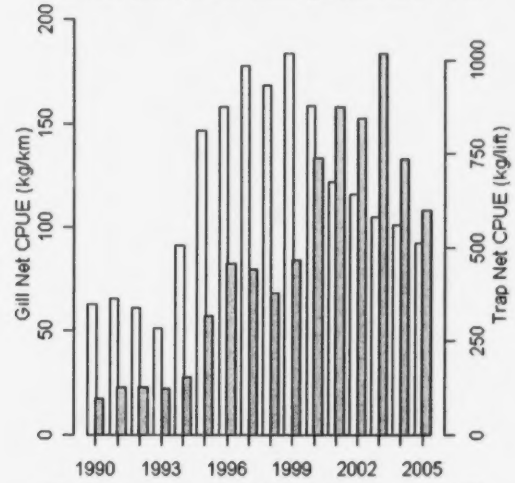

Figure 4-2.3. Lake whitefish gill net CPUE (kg/km) and trap net CPUE (kg/lift) for management area 4-2.

Table 4-2.2. Lake whitefish harvest, targeted effort, CPUE and quota data from quota management area 4-2, 1988 to 2005.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1988	95881	48046	143927	962.8	259.0	99.5	185.1	153161	93.9
1989	70376	24066	94442	922.6	220.0	76.2	109.2	153161	61.6
1990	42690	18480	61170	676.1	188.0	62.9	97.3	153161	39.9
1991	63577	24702	88279	972.3	194.0	65.3	127.2	153161	57.6
1992	57999	19793	77792	940.0	156.0	61.2	125.4	153187	50.7
1993	33987	17554	51541	660.1	140.0	51.2	125.3	153161	33.6
1994	109559	8604	118163	1203.3	80.0	91.0	154.0	153161	77.1
1995	130932	36503	167435	893.1	138.0	146.5	317.5	168477	99.3
1996	136895	49469	186364	866.3	113.0	158.0	456.6	185325	100.5
1997	148893	59142	208035	837.1	146.0	177.8	442.2	203858	102.0
1998	155313	71116	226429	904.7	188.0	168.5	376.6	224243	100.9
1999	149731	71219	220950	815.1	170.0	183.6	465.9	224243	98.5
2000	126104	98897	225001	795.9	148.0	158.4	736.9	224243	100.3
2001	134953	108468	243421	1106.6	135.0	121.9	873.3	246667	98.6
2002	157725	94395	252120	1364.2	127.0	115.6	845.2	246667	102.2
2003	135762	117779	253541	1295.1	139.0	104.8	1017.0	246667	102.7
2004	132388	79621	212009	1308.2	131.0	101.1	735.6	246667	85.9
2005	143874	89680	233554	1557.7	167.0	92.3	599.4	246667	94.6

CHUB

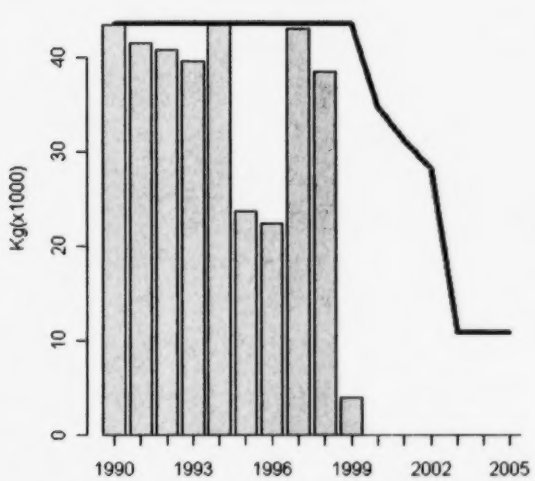

Figure 4-2.4. Chub quota (line) and harvest (bars) from management area 4-2.

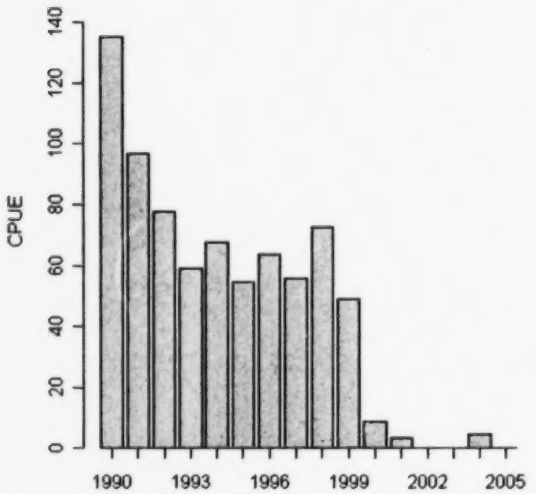

Figure 4-2.5. Chub gill net CPUE (kg/km) for management area 4-2.

Table 4-2.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-2, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	38853	536.7	72.3	39224	99.0
1989	39145	427.0	91.6	39224	99.7
1990	43566	322.6	135.0	43582	99.9
1991	41530	429.6	96.6	43582	95.2
1992	40845	526.5	77.5	43589	93.7
1993	39616	668.7	59.2	43582	90.8
1994	43459	641.7	67.7	43582	99.7
1995	23803	434.3	54.8	43582	54.6
1996	22429	352.6	63.6	43582	51.4
1997	43127	771.2	55.9	43582	98.9
1998	38518	531.7	72.4	43582	88.3
1999	4069	150.8	48.9	43582	9.3
2000	118	27.4	8.7	34866	0.3
2001	69	16.4	3.5	31379	0.2
2002	0	0.0	--	28242	0.0
2003	0	0.0	--	10897	0.0
2004	10	6.1	4.5	10898	0.0
2005	0	0.0	--	10897	0.0

LAKE TROUT

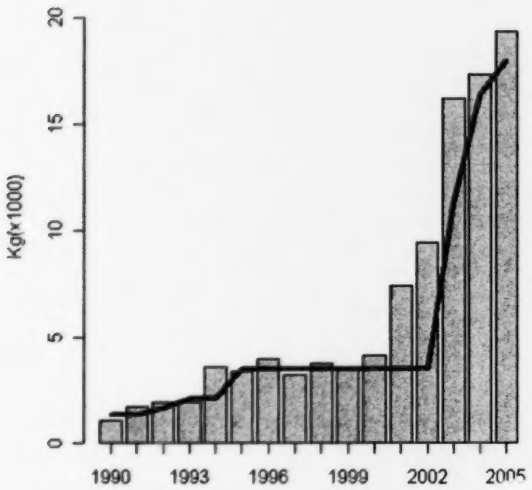

Figure 4-2.6. Lake trout quota (line) and harvest (bars) from management area 4-2.

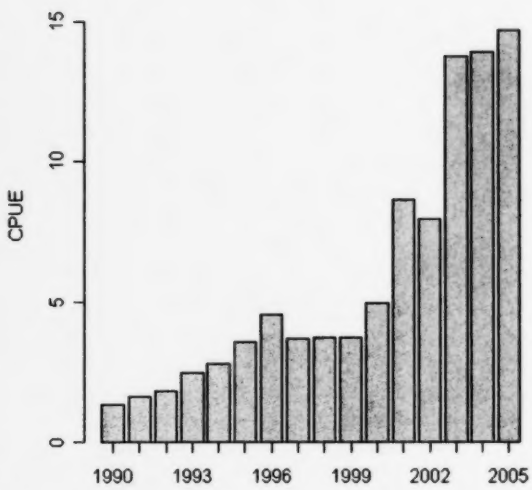

Figure 4-2.7. Lake trout gill net CPUE (kg/km) for management area 4-2.

Table 4-2.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 4-2, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	535	0.2	575	93.0
1989	1274	1.1	613	207.8
1990	1103	1.3	1356	81.3
1991	1715	1.6	1356	126.4
1992	1917	1.8	1661	115.4
1993	1926	2.5	2078	92.6
1994	3571	2.8	2078	171.8
1995	3398	3.5	3489	97.3
1996	3946	4.5	3489	113.0
1997	3218	3.6	3489	92.2
1998	3761	3.7	3489	107.7
1999	3524	3.7	3489	101.0
2000	4133	4.9	3489	118.4
2001	7361	8.6	3489	210.9
2002	9383	7.9	3489	268.9
2003	16160	13.7	11307	142.9
2004	17276	13.8	16307	105.9
2005	19284	14.6	17937	107.5

MANAGEMENT AREA 4-3

Table 4-3.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-3, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	4,835	0.0	0
Chub	3	0	9,276	0.0	0
Lake Sturgeon	0	0	244	0.0	0
Lake Trout	18,596	18,011	17,536	102.7	13,897
Lake Whitefish	83,930	83,901	162,346	51.7	165,631
Northern Pike	0	0	927	0.0	0
Walleye	1	1	850	0.1	3
Yellow Perch	0	0	1,935	0.0	0
Sub-Total	102,530	101,913	197,949		179,531
Burbot	915	0			0
Chinook Salmon	81	0			0
Common Carp	9	0			0
Freshwater Drum	5	0			0
Lake Herring	87	79			52
Pink Salmon	18	0			0
Round Whitefish	41	2			1
Sea Lamprey	66	66			0
Suckers	2,354	0			0
Total	106,105	102,060	197,949		179,585

LAKE WHITEFISH

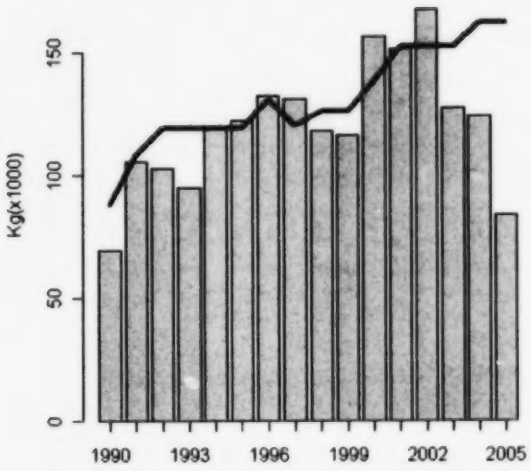

Figure 4-3.1. Lake whitefish quota (line) and harvest (bars) from management area 4-3.

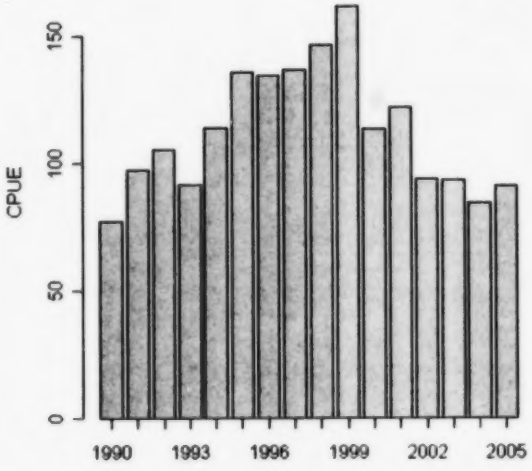

Figure 4-3.2. Lake whitefish gill net CPUE (kg/km) for management area 4-3.

Table 4-3.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-3, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	68703	742.7	88.9	99768	68.8
1989	63292	775.4	77.7	98194	64.4
1990	69563	836.4	77.3	88263	78.8
1991	105979	1088.7	97.1	108377	97.7
1992	103088	977.9	105.2	119235	86.4
1993	95071	1013.0	91.8	119214	79.7
1994	119562	1046.2	114.0	119214	100.2
1995	122468	902.6	135.6	119214	102.7
1996	132836	955.5	134.3	131137	101.2
1997	131174	956.5	136.7	120611	108.7
1998	118147	796.7	146.2	126190	93.6
1999	116225	720.0	161.4	126190	92.1
2000	156612	1381.5	113.3	138808	112.8
2001	151777	1181.2	122.0	152684	99.4
2002	167643	1746.2	93.7	152684	109.7
2003	127326	1339.6	93.4	152684	83.3
2004	124419	1477.0	84.2	162346	76.6
2005	83901	920.8	91.1	162346	51.6

CHUB

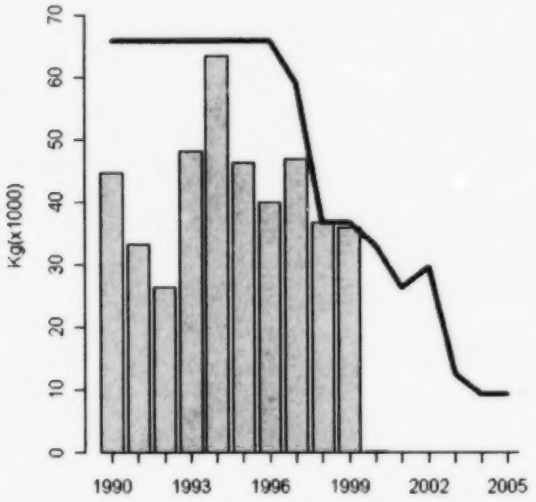

Figure 4-3.3. Chub quota (line) and harvest (bars) from management area 4-3.

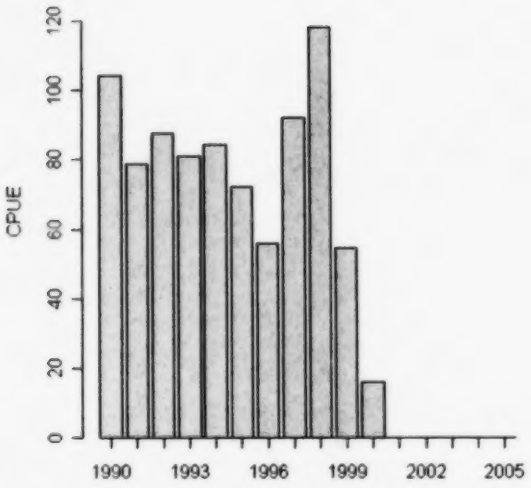

Figure 4-3.4. Chub gill net CPUE (kg/km) for management area 4-3.

Table 4-3.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-3, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	44982	640.9	69.9	59371	75.7
1989	52317	575.7	90.0	59371	88.1
1990	44704	429.0	104.2	65751	67.9
1991	33334	422.5	78.8	65751	50.6
1992	26429	301.9	87.5	65763	40.1
1993	48127	593.9	81.0	65751	73.1
1994	63499	750.1	84.4	65751	96.5
1995	46447	641.6	72.3	65751	70.6
1996	40071	714.7	56.0	65751	60.9
1997	46865	508.2	92.2	59177	79.1
1998	36747	310.8	118.2	36727	100.0
1999	36067	816.1	54.8	36727	98.2
2000	295	47.5	16.2	33054	0.8
2001	0	0.0	–	26443	0.0
2002	0	0.0	–	29749	0.0
2003	0	0.0	–	12574	0.0
2004	0	0.0	–	9276	0.0
2005	0	0.0	–	9276	0.0

LAKE TROUT

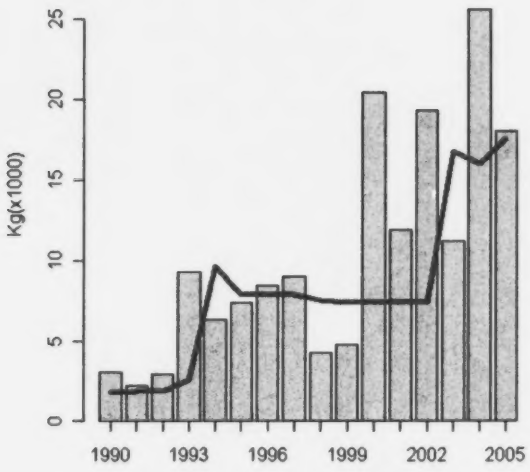

Figure 4-3.5. Lake trout quota (line) and harvest (bars) from management area 4-3.

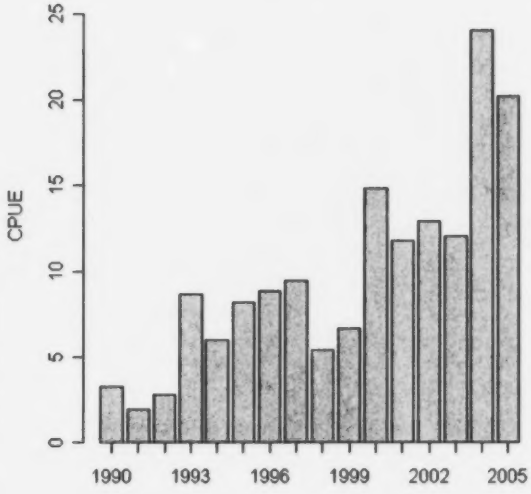

Figure 4-3.6. Lake trout gill net CPUE (kg/km) for management area 4-3.

Table 4-3.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 4-3, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	807	1.0	682	118.3
1989	1669	2.1	836	199.6
1990	3093	3.3	1821	169.8
1991	2209	1.9	1871	118.0
1992	2895	2.8	1871	154.7
1993	9275	8.6	2610	355.3
1994	6336	6.0	9663	65.5
1995	7386	8.1	7865	93.9
1996	8430	8.8	7869	107.1
1997	9011	9.4	7869	114.5
1998	4287	5.3	7509	57.0
1999	4772	6.6	7356	64.8
2000	20440	14.8	7356	277.8
2001	11862	11.7	7356	161.2
2002	19292	12.8	7356	262.2
2003	11199	12.0	16787	66.7
2004	25551	24.0	15951	160.1
2005	18011	20.1	17536	102.7

MANAGEMENT AREA 4-4

Table 4-4.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-4, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	na	na	0	na	na
Chub	na	na	64,632	na	na
Lake Sturgeon	na	na	100	na	na
Lake Trout	na	na	7,998	na	na
Lake Whitefish	na	na	423,216	na	na
Northern Pike	na	na	393	na	na
Walleye	na	na	742	na	na
Yellow Perch	na	na	9,372	na	na
Sub-Total	na	na	506,453	na	na
Total	na	na	506,453	na	na

LAKE WHITEFISH

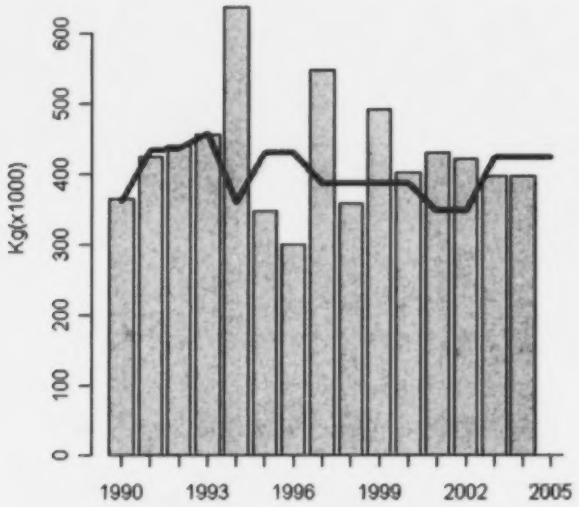

Figure 4-4.1. Lake whitefish quota (line) and harvest (bars) from management area 4-4.

Table 4-4.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-4, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	288580	1152.5	249.8	327495	88.1
1989	317937	1323.8	239.8	327495	97.0
1990	364070	1275.8	285.3	360244	101.0
1991	424120	1196.0	354.1	432293	98.1
1992	439348	1155.8	379.4	435968	100.7
1993	456551	1309.4	348.6	458208	99.6
1994	636247	836.5	424.1	359923	176.7
1995	347368	958.3	312.5	428716	81.0
1996	300122	702.0	382.2	428716	70.0
1997	546625	920.6	346.6	384845	142.0
1998	357802	778.7	244.1	385845	92.7
1999	490877	220.4	542.5	385845	127.2
2000	402132	765.4	243.9	385845	104.2
2001	429685	1786.0	187.9	347261	123.7
2002	420508	1650.8	244.9	347261	121.0
2003	395417	1748.0	225.8	423216	93.4
2004	396670	2019.6	196.0	423216	93.7
2005	na	na	na	423216	na

CHUB

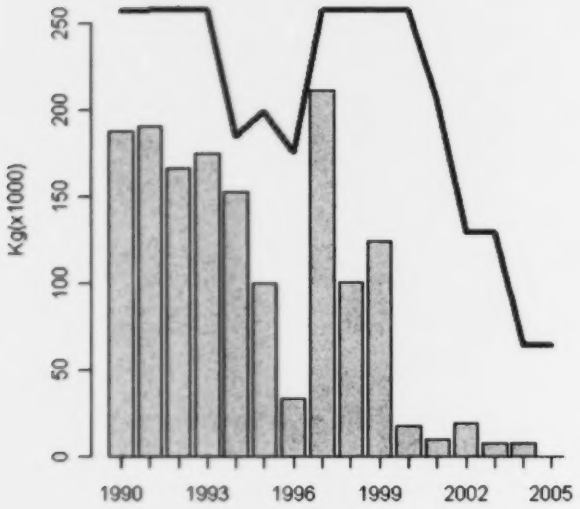

Figure 4-4.2. Chub quota (line) and harvest (bars) from management area 4-4.

Table 4-4.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-4, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	200050	2141.1	93.3	234896	85.1
1989	141245	993.2	140.9	234896	60.1
1990	187750	913.9	200.9	257211	72.9
1991	191135	1306.9	146.2	258385	73.9
1992	166355	982.1	171.1	258530	64.3
1993	175421	1042.9	168.2	258173	67.9
1994	152888	902.3	153.0	185347	82.4
1995	100011	846.3	114.1	199406	50.1
1996	33852	254.1	121.7	176254	19.2
1997	211325	365.0	240.6	258173	81.8
1998	101156	365.8	207.8	258173	39.1
1999	124753	157.5	119.5	258173	48.3
2000	18108	24.0	102.4	258173	7.0
2001	10592	109.1	49.0	206538	5.1
2002	19701	173.9	59.6	129265	15.2
2003	8382	90.3	50.3	129265	6.4
2004	7970	141.9	52.2	64632	12.3
2005	na	na	na	64632	na

YELLOW PERCH

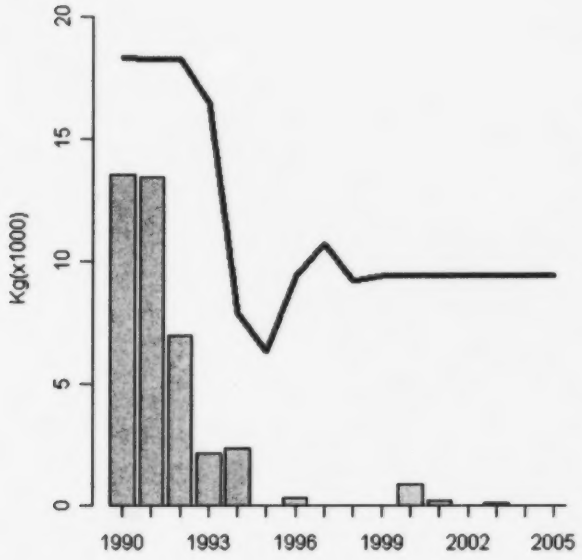

Figure 4-4.3. Yellow perch quota (line) and harvest (bars) from management area 4-4.

Table 4-4.4. Yellow perch harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-4, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	6262	181.9	31.2	20362	30.7
1989	10745	230.9	41.3	18327	58.6
1990	13558	327.8	40.1	18327	73.9
1991	13425	352.6	36.7	18253	73.5
1992	6967	206.2	32.0	18255	38.1
1993	2168	91.3	23.2	16492	13.1
1994	2377	66.2	35.1	7877	30.1
1995	5	1.4	0.0	6301	0.0
1996	332	4.5	73.5	9387	3.5
1997	1	0.0	--	10687	0.0
1998	12	1.8	6.6	9164	0.1
1999	0	0.0	--	9372	0.0
2000	885	10.5	84.2	9372	9.4
2001	207	2.7	76.6	9372	2.2
2002	40	0.0	--	9372	0.4
2003	104	4.1	10.6	9372	1.1
2004	23	0.0	--	9372	0.2
2005	na	na	na	9372	na

LAKE TROUT

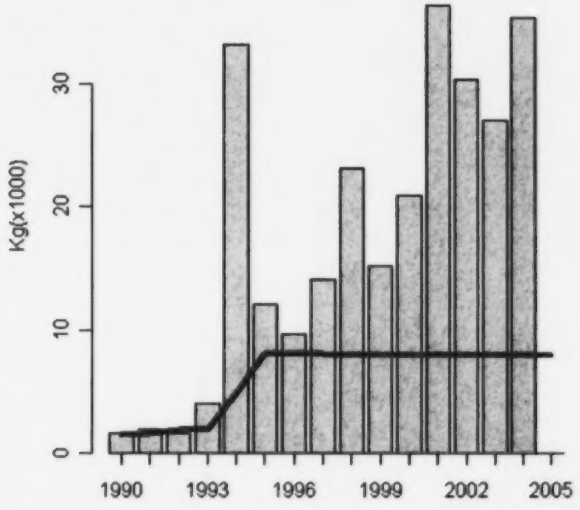

Figure 4-4.4. Lake trout quota (line) and harvest (bars) from management area 4-4.

Table 4-4.5. Lake trout harvest, CPUE and quota data from gill nets in quota management area 4-4, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	215	0.1	717	29.9
1989	904	0.6	713	126.7
1990	1649	1.2	1582	104.2
1991	2001	2.0	1659	120.6
1992	1649	1.4	1999	82.4
1993	4046	3.0	2006	201.6
1994	33135	9.4	4889	677.7
1995	12114	11.6	8093	149.6
1996	9700	13.8	8093	119.8
1997	14078	15.2	8093	173.9
1998	23121	29.6	7998	289.0
1999	15242	69.1	7998	190.5
2000	20894	27.2	7998	261.2
2001	36341	20.3	7998	454.3
2002	30369	18.3	7998	379.7
2003	27054	15.4	7998	338.2
2004	35360	17.5	7998	442.1
2005	na	na	7998	na

MANAGEMENT AREA 4-5

Table 4-5.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-5, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	5,881	3,396	46,855	7.2	3,519
Chub	2	0	36,876	0.0	0
Lake Sturgeon	4,667	2,781	4,240	65.6	15,616
Lake Trout	111,046	105,179	164,013	64.1	122,122
Lake Whitefish	797,887	794,583	1,054,822	75.3	1,737,140
Northern Pike	0	0	227	0.0	0
Walleye	85,721	52,590	111,222	47.3	288,922
Yellow Perch	30,169	30,058	69,011	43.6	162,773
Sub-Total	1,035,373	988,587	1,487,266		2,330,092
Brown Trout	2	0			0
Burbot	4	4			0
Chinook Salmon	220	2			0
Common Carp	3,748	8			0
Freshwater Drum	21,656	133			0
Gizzard Shad	374	11			0
Lake Herring	2	0			0
Longnose Gar	0	0			0
Muskellunge	454	0			0
Rock Bass	3	3			0
Round Whitefish	4	4			4
Smallmouth Bass	2	0			0
Suckers	1,527	432			0
White Bass	189	189			276
White Perch	24	19			17
Total	1,063,581	989,392	1,487,266		2,330,389

LAKE WHITEFISH

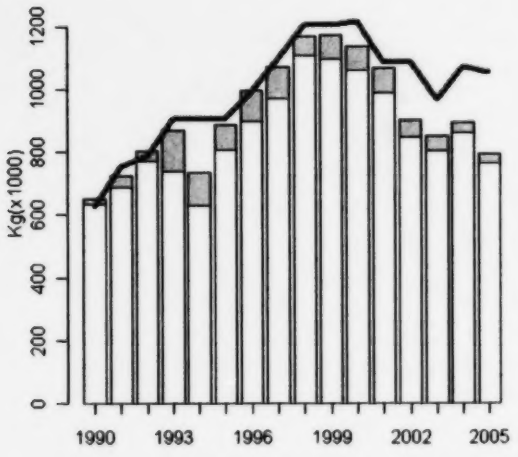

Figure 4-5.1. Lake whitefish quota (line) and harvest (bars) from management area 4-5.

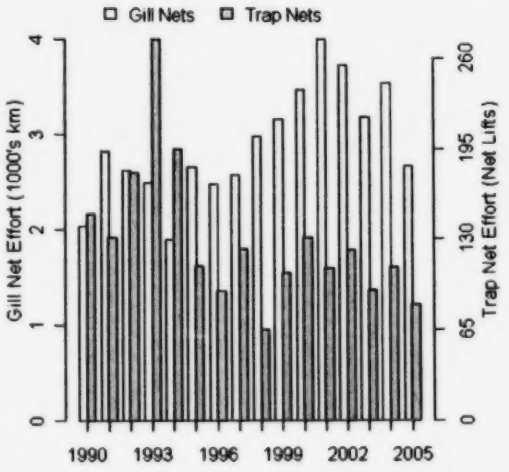

Figure 4-5.2. Lake whitefish effort for gill nets (1000's of km) and trap nets (1000's of lifts) for management area 4-5.

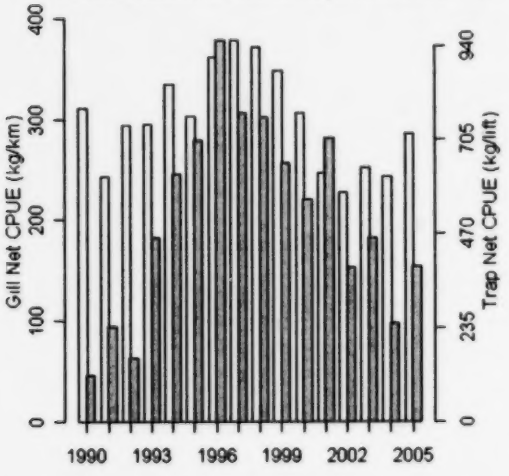

Figure 4-5.3. Lake whitefish gill net CPUE (kg/km) and trap net CPUE (kg/lift) for management area 4-5.

Table 4-5.2. Lake whitefish harvest, targeted effort, CPUE and quota data from quota management area 4-5, 1988 to 2005.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1988	538240	24353	562593	3032.8	180.0	176.7	133.2	567722	99.0
1989	518996	36429	555425	2273.9	209.0	227.9	170.9	578683	95.9
1990	633242	19486	652728	2030.4	148.0	311.0	117.3	625697	104.3
1991	689101	34741	723842	2815.7	131.0	243.1	237.0	753515	96.0
1992	773142	31177	804319	2619.1	178.0	293.6	159.2	790823	101.7
1993	739404	129514	868918	2485.7	274.0	295.0	459.2	906882	95.8
1994	632414	104350	736764	1883.9	195.0	334.3	618.8	906885	81.2
1995	808067	78755	886822	2646.1	111.0	302.5	702.6	906885	97.7
1996	899813	95703	995516	2473.6	93.0	361.3	953.1	997575	99.7
1997	973036	100735	1073771	2563.1	123.0	378.6	770.6	1097331	97.8
1998	1109167	63270	1172437	2966.7	65.0	372.2	759.1	1207877	97.0
1999	1100323	73450	1173773	3144.9	106.0	348.0	646.9	1207068	97.2
2000	1062712	77248	1139960	3460.8	131.0	306.2	555.5	1218707	93.5
2001	989788	78871	1068659	3995.9	109.0	247.2	710.1	1086370	98.3
2002	847577	55975	903552	3722.0	122.0	227.5	385.9	1086370	83.1
2003	805679	47276	852955	3177.0	94.0	252.8	458.3	969662	87.9
2004	862131	33540	895671	3528.2	110.0	243.7	247.4	1072824	83.4
2005	764253	30331	794584	2666.4	83.0	285.8	386.9	1054822	75.3

CHUB

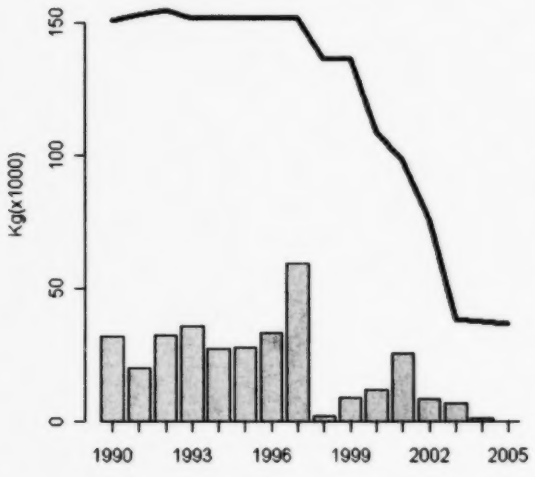

Figure 4-5.4. Chub quota (line) and harvest (bars) from management area 4-5.

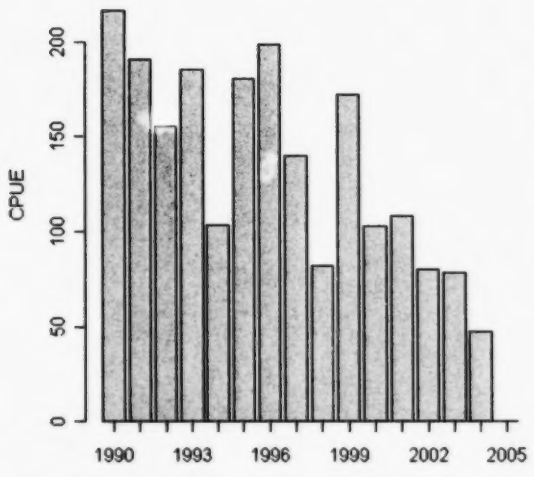

Figure 4-5.5. Chub gill net CPUE (kg/km) for management area 4-5.

Table 4-5.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-5, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	97173	1025.3	85.1	158856	61.1
1989	18710	119.7	144.4	169291	11.0
1990	32442	135.8	216.4	151161	21.4
1991	20447	95.5	191.0	153251	13.3
1992	32506	205.3	155.7	154757	21.0
1993	36310	193.3	185.3	151722	23.9
1994	27400	256.8	103.5	151722	18.0
1995	28133	155.4	180.4	151722	18.5
1996	33733	149.5	198.7	151722	22.2
1997	59769	420.5	139.8	151722	39.3
1998	2286	25.7	82.6	136549	1.6
1999	9358	53.4	172.6	136549	6.8
2000	11996	116.1	103.2	109240	10.9
2001	25710	237.0	108.4	98314	26.1
2002	8569	106.8	80.0	75873	11.2
2003	7064	89.7	78.4	38828	18.1
2004	1492	30.7	47.7	37933	3.9
2005	0	0.0	--	36876	0.0

YELLOW PERCH

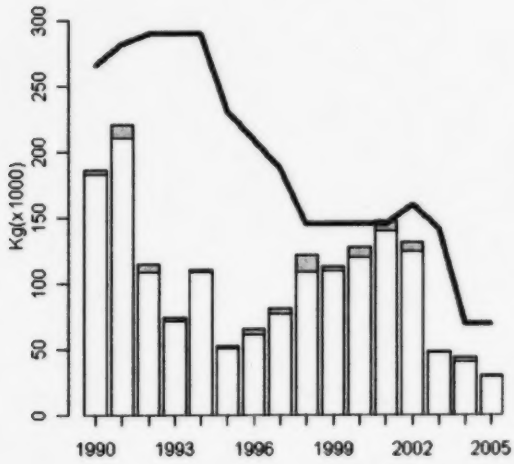

Figure 4-5.6. Yellow perch quota (line) and harvest (bars) from management area 4-5.

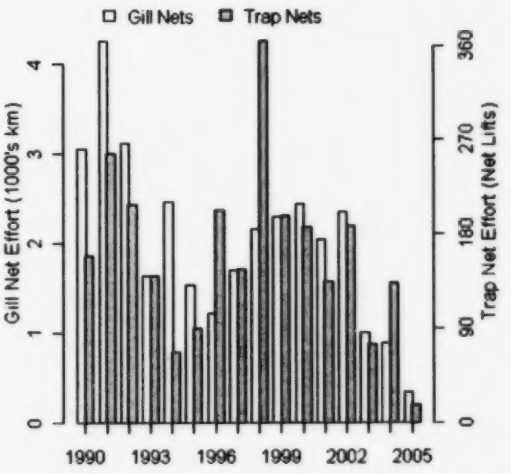

Figure 4-5.7. Yellow perch effort for gill nets (1000's of km) and trap nets (1000's of lifts) for management area 4-5.

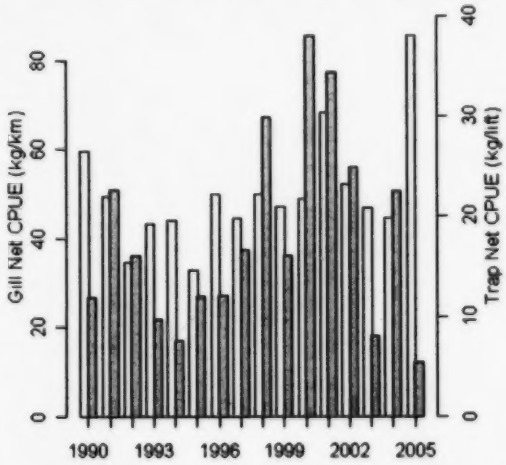

Figure 4-5.8. Yellow perch gill net CPUE (kg/km) and trap net CPUE (kg/lift) for management area 4-5.

Table 4-5.4. Yellow perch harvest, targeted effort, CPUE and quota data from quota management area 4-5, 1988 to 2005.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1988	154098	3814	157912	2679.2	44.0	54.7	21.4	272522	57.9
1989	231121	8884	240005	3418.1	109.0	66.3	40.9	279834	85.7
1990	182233	4147	186380	3056.5	160.0	59.4	11.9	264894	70.3
1991	210359	10503	220862	4259.4	257.0	49.2	22.6	281996	78.3
1992	108772	5715	114487	3117.2	209.0	34.5	16.0	289539	39.5
1993	71307	2454	73761	1629.1	140.0	43.3	9.7	289027	25.5
1994	108809	1831	110640	2459.5	67.0	44.0	7.6	289027	38.2
1995	50447	2381	52828	1529.1	90.0	32.9	11.9	231233	22.8
1996	61497	3579	65076	1216.5	203.0	49.8	12.0	208113	31.2
1997	76284	4377	80661	1695.8	147.0	44.5	16.6	187307	43.0
1998	108467	12742	121209	2155.6	365.0	50.0	29.8	144794	83.7
1999	109223	3608	112831	2288.4	198.0	47.0	16.0	144794	77.9
2000	119621	7998	127619	2433.7	187.0	48.7	38.0	144794	88.1
2001	139627	7382	147009	2038.3	135.0	68.2	34.4	144794	101.5
2002	123608	7501	131109	2341.3	188.0	52.1	24.9	159276	82.3
2003	47108	1467	48575	1001.2	75.0	46.8	8.0	141483	34.3
2004	40270	3595	43865	889.9	133.0	44.4	22.5	69011	63.5
2005	29618	440	30058	344.3	17.0	85.5	5.4	69011	43.5

WALLEYE

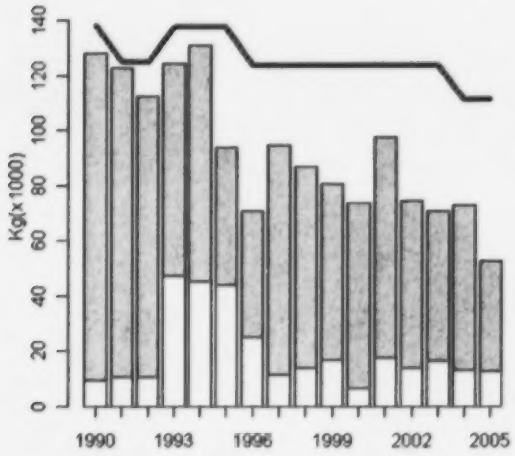

Figure 4-5.9. Walleye quota (line) and harvest (bars) from management area 4-5.

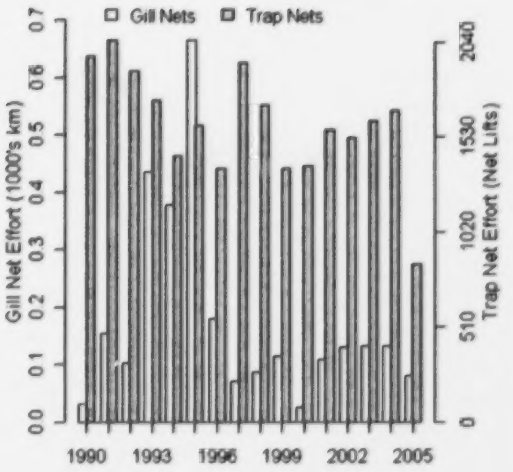

Figure 4-5.10. Walleye effort for gill nets (1000's of km) and trap nets (1000's of lifts) for management area 4-5.

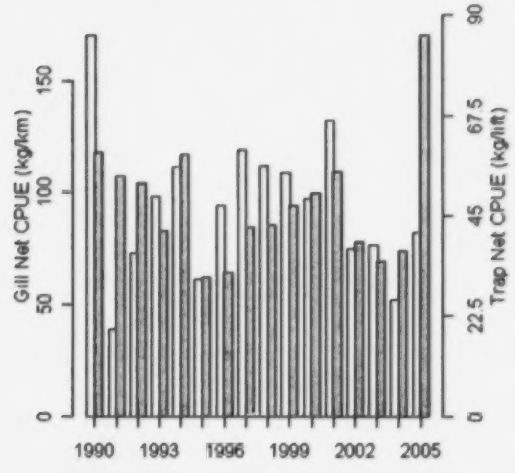

Figure 4-5.11. Walleye gill net CPUE (kg/km) and trap net CPUE (kg/lift) for management area 4-5.

Table 4-5.5. Walleye harvest, targeted effort, CPUE and quota data from quota management area 4-5, 1988 to 2005.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1988	12414	133867	146281	69.5	1543.0	93.4	82.5	137891	106.0
1989	8648	99427	108075	37.0	1343.0	51.6	66.3	137910	78.3
1990	9350	118900	128250	30.9	1965.0	170.0	59.2	138462	92.6
1991	10682	112073	122755	153.8	2050.0	39.0	53.8	125043	98.1
1992	10792	101777	112569	103.6	1883.0	72.9	52.4	124687	90.2
1993	47152	77232	124384	435.9	1726.0	98.1	41.8	137433	90.5
1994	45349	85640	130989	378.0	1429.0	111.2	58.8	137433	95.3
1995	43973	49827	93800	665.3	1590.0	61.0	31.2	137433	68.2
1996	25225	45608	70833	179.4	1362.0	94.1	32.3	123697	57.2
1997	11663	83004	94667	70.8	1926.0	118.8	42.5	123697	76.5
1998	14045	73055	87100	86.4	1699.0	111.6	42.9	123697	70.4
1999	16881	64043	80924	114.6	1360.0	108.5	47.2	123697	65.4
2000	6685	67217	73902	24.8	1371.0	97.3	50.0	123697	59.7
2001	17640	79950	97590	108.7	1570.0	131.8	54.9	123697	78.8
2002	13966	60383	74349	130.7	1527.0	75.0	39.2	123697	60.1
2003	16645	54200	70845	132.2	1617.0	76.5	34.7	123697	57.2
2004	13290	59404	72694	131.8	1669.0	52.1	37.1	111332	65.2
2005	12916	39674	52590	80.6	849.0	81.9	85.5	111222	47.2

LAKE TROUT

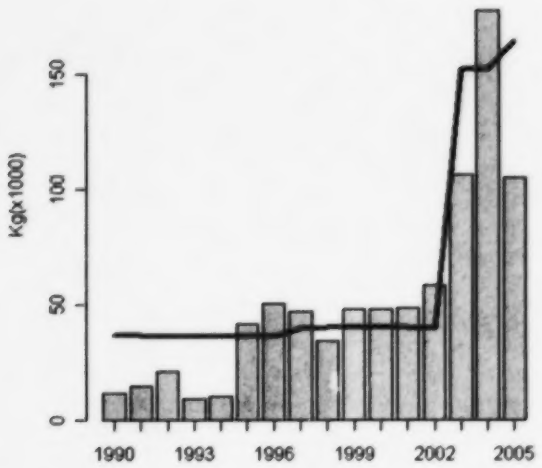

Figure 4-5.12. Lake trout quota (line) and harvest (bars) from management area 4-5.

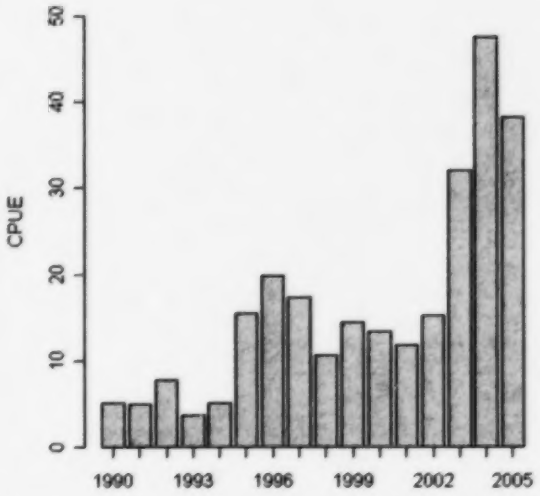

Figure 4-513. Lake trout gill net CPUE (kg/km) for management area 4-5.

Table 4-5.6. Lake trout harvest by gear and quota for management area 4-5, 1988 to 2005.

Year	Harvest (kg)			Quota	% Quota
	Gill	Trap	Total	(kg)	Taken
1988	16704	1257	17961	37240	48.2
1989	13878	1123	15001	34062	44.0
1990	10488	1443	11931	36908	32.3
1991	14278	561	14840	37096	40.0
1992	20493	708	21201	36680	57.7
1993	9214	310	9525	36674	25.9
1994	9643	641	10284	36674	28.0
1995	41005	712	41717	36674	113.7
1996	48847	1624	50470	36674	137.6
1997	44567	2661	47228	39660	119.0
1998	31859	2482	34340	40406	84.9
1999	44429	3708	48137	40406	119.1
2000	43388	4751	48139	40406	119.1
2001	45092	3594	48686	40406	120.4
2002	54558	3669	58227	39987	145.6
2003	99055	7592	106647	151875	70.2
2004	166900	10303	177203	151875	116.6
2005	98906	6273	105179	164013	64.1

CHANNEL CATFISH

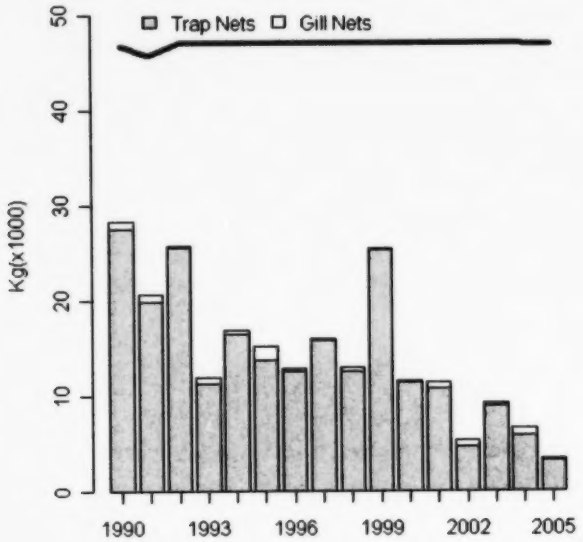

Figure 4-5.14. Channel catfish quota (line) and harvest (bars) from management area 4-5.

Table 4-5.7. Channel catfish harvest by gear and quota for management area 4-5, 1988 to 2005.

Year	Harvest (kg)			Quota	% Quota
	Gill	Trap	Total	(kg)	Taken
1988	477	22921	23398	46579	50.2
1989	1473	27584	29057	46584	62.3
1990	705	27578	28283	46734	60.5
1991	789	19956	20746	45679	45.4
1992	216	25587	25803	46962	54.9
1993	625	11374	11999	46955	25.5
1994	408	16539	16947	46955	36.0
1995	1390	13782	15173	46955	32.3
1996	291	12600	12892	46955	27.4
1997	144	15862	16005	46955	34.0
1998	316	12669	12985	46955	27.6
1999	180	25342	25522	46955	54.3
2000	146	11442	11588	46955	24.6
2001	648	10776	11424	46955	24.3
2002	699	4734	5433	46955	11.5
2003	251	8976	9227	46955	19.6
2004	690	5953	6643	46955	14.1
2005	39	3358	3396	46855	7.2

LAKE STURGEON

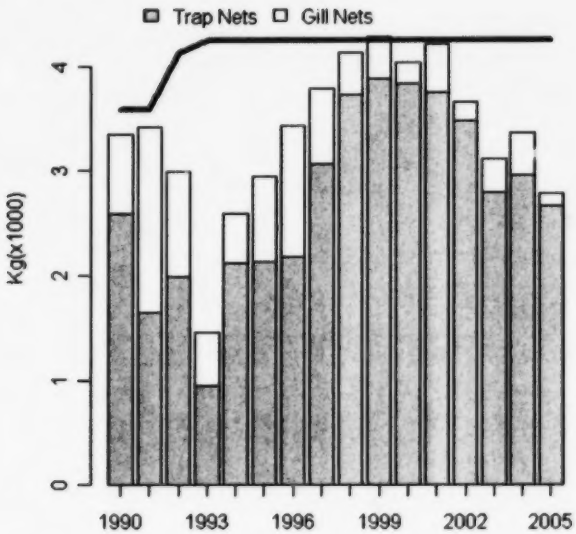

Figure 4-5.15. Lake sturgeon quota (line) and harvest (bars) from management area 4-5.

Table 4-5.8. Lake sturgeon harvest by gear and quota for management area 4-5, 1988 to 2005.

Year	Harvest (kg)			Quota	% Quota
	Gill	Trap	Total	(kg)	Taken
1988	1312	1833	3145	3588	87.6
1989	1228	1987	3215	3589	89.5
1990	756	2594	3350	3587	93.3
1991	1778	1642	3420	3587	95.3
1992	1009	1984	2993	4128	72.5
1993	509	953	1462	4240	34.4
1994	476	2114	2591	4240	61.1
1995	813	2134	2947	4240	69.5
1996	1254	2180	3435	4240	81.0
1997	720	3069	3788	4240	89.3
1998	404	3723	4127	4240	97.3
1999	397	3878	4276	4240	100.8
2000	199	3831	4030	4240	95.0
2001	460	3750	4210	4240	99.2
2002	173	3481	3655	4240	86.2
2003	323	2789	3112	4240	73.3
2004	393	2960	3353	4240	79.0
2005	122	2659	2781	4240	65.5

MANAGEMENT AREA 4-7

Table 4-7.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 4-7, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	na	na	0	na	na
Chub	na	na	14,788	na	na
Lake Sturgeon	na	na	0	na	na
Lake Trout	na	na	929	na	na
Lake Whitefish	na	na	84,677	na	na
Northern Pike	na	na	225	na	na
Walleye	na	na	425	na	na
Yellow Perch	na	na	882	na	na
Sub-Total	na	na	101,926	na	na
Total	na	na	101,926	na	na

LAKE WHITEFISH

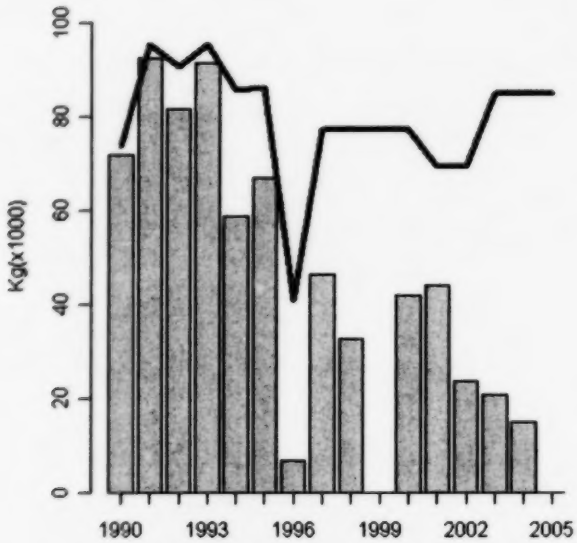

Figure 4-7.1. Lake whitefish quota (line) and harvest (bars) from management area 4-7.

Table 4-7.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-7, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	36878	214.5	171.9	68816	53.5
1989	60472	313.1	192.1	67909	89.0
1990	71891	308.7	232.8	73518	97.7
1991	92366	401.2	230.2	95084	97.1
1992	81581	416.6	195.8	90400	90.2
1993	91314	509.0	179.3	95037	96.0
1994	58575	446.0	130.6	85514	68.4
1995	66764	706.9	94.3	85966	77.6
1996	6853	28.9	237.1	40772	16.8
1997	46344	87.5	354.8	76980	60.2
1998	32696	140.2	231.9	76979	42.4
1999	63	3.7	16.9	76979	0.0
2000	41761	94.5	197.4	76979	54.2
2001	43881	349.0	97.5	69281	63.3
2002	23702	246.0	91.6	69281	34.2
2003	20929	140.3	108.9	84677	24.7
2004	15049	151.9	99.0	84677	17.7
2005	na	na	na	84677	na

CHUB

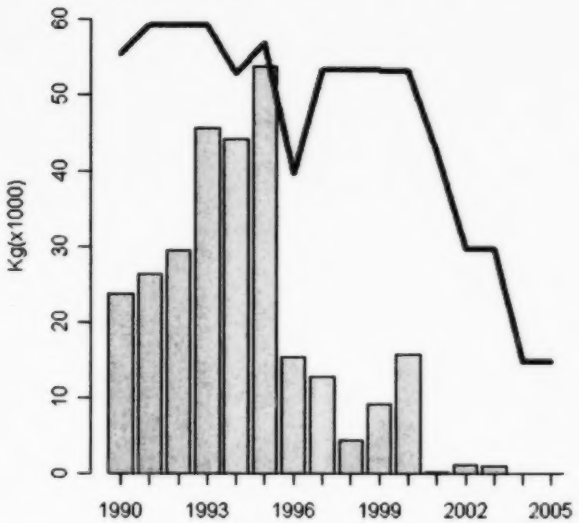

Figure 4-7.2. Chub quota (line) and harvest (bars) from management area 4-7.

Table 4-7.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 4-7, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	37894	455.5	83.1	53764	70.4
1989	49067	507.7	96.6	53764	91.2
1990	23695	269.6	87.8	55463	42.7
1991	26309	289.3	90.9	59141	44.4
1992	29416	251.8	116.8	59151	49.7
1993	45711	470.7	97.1	59141	77.2
1994	44161	488.1	90.2	52791	83.6
1995	53739	855.0	62.8	56873	94.4
1996	15453	231.8	67.0	39543	39.0
1997	12771	49.3	202.3	53277	23.9
1998	4532	18.4	175.3	53277	8.5
1999	9292	99.2	90.7	53277	17.4
2000	15696	33.1	38.9	53227	29.4
2001	172	4.5	16.3	42581	0.4
2002	1154	10.5	75.7	29576	3.9
2003	1053	39.7	26.5	29576	3.5
2004	18	0.0	--	14788	0.1
2005	na	na	na	14788	na

GEORGIAN BAY

Table 5.1. Catch, harvest, and quota data for all commercially caught fish species in Georgian Bay, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	119	74	908	8.1	0
Chub	2	0	91,975	0.0	0
Lake Sturgeon	4,657	253	1,356	18.7	751
Lake Trout	69,578	64,060	26,486	241.9	52,744
Lake Whitefish	203,181	200,368	446,137	44.9	463,022
Northern Pike	140	135	3,677	3.7	151
Walleye	3,024	3,023	8,660	34.9	13,045
Yellow Perch	3	3	17,512	0.0	8
Sub-Total	280,703	267,916	596,711		529,720
Brown Trout	2	0			0
Burbot	1,510	110			0
Chinook Salmon	229	22			0
Common Carp	1,913	189			0
Freshwater Drum	7	0			0
Gizzard Shad	1,172	0			0
Lake Herring	1,255	1,187			688
Longnose Gar	83	0			0
Muskellunge	11	0			0
Pink Salmon	5	0			0
Rainbow Smelt	0	0			0
Rainbow Trout	163	30			0
Rock Bass	23	0			0
Round Whitefish	6,502	6,501			4,415
Sea Lamprey	8	3			0
Smallmouth Bass	139	0			0
Suckers	4,750	452			0
White Bass	8	0			0
White Perch	80	79			0
Total	298,562	276,489	596,711		534,822

MANAGEMENT AREA 5-1

Table 5-1.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-1, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	0	0	4,349	0.0	0
Lake Sturgeon	24	24	637	3.8	106
Lake Trout	9,657	9,657	4,418	218.6	7,451
Lake Whitefish	52,451	52,394	86,595	60.5	103,432
Northern Pike	21	21	1,632	1.3	35
Walleye	572	572	1,971	29.0	1,892
Yellow Perch	0	0	6,174	0.0	0
Sub-Total	62,724	62,668	105,776		112,979
Lake Herring	96	96			63
Rainbow Trout	10	10			0
Round Whitefish	6,066	6,066			4,012
Total	68,896	68,840	105,776		116,991

LAKE WHITEFISH

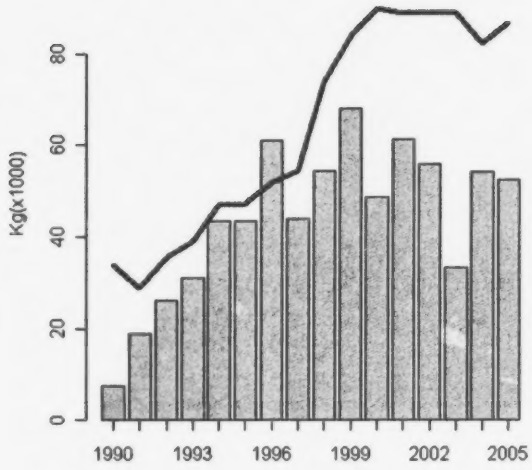

Figure 5-1.1. Lake whitefish quota (line) and harvest (bars) from management area 5-1.

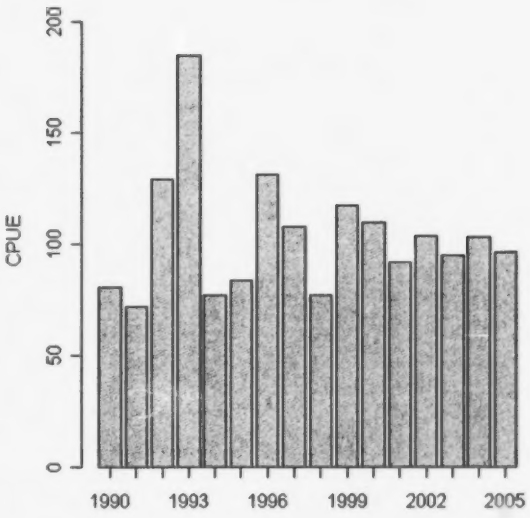

Figure 5-1.2. Lake whitefish gill net CPUE (kg/km) for management area 5-1.

Table 5-1.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-1, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	8681	241.6	31.2	42114	20.6
1989	7370	89.8	67.7	35509	20.7
1990	7461	86.6	80.5	33722	22.1
1991	19068	236.9	72.2	28741	66.3
1992	26230	195.7	128.8	35526	73.8
1993	31199	165.9	184.4	39075	79.8
1994	43576	561.6	77.2	46891	92.9
1995	43458	519.2	83.6	47285	91.9
1996	61110	443.3	130.9	52014	117.4
1997	44007	408.6	107.4	54316	81.0
1998	54426	699.4	77.0	73747	73.8
1999	68096	556.2	117.2	83747	81.3
2000	48699	442.5	109.6	89722	54.2
2001	61386	453.0	91.7	88722	69.1
2002	55782	442.5	103.4	88722	62.8
2003	33400	352.5	94.7	88722	37.6
2004	54160	526.1	103.0	82231	65.8
2005	52394	544.0	96.3	86595	60.5

CHUB

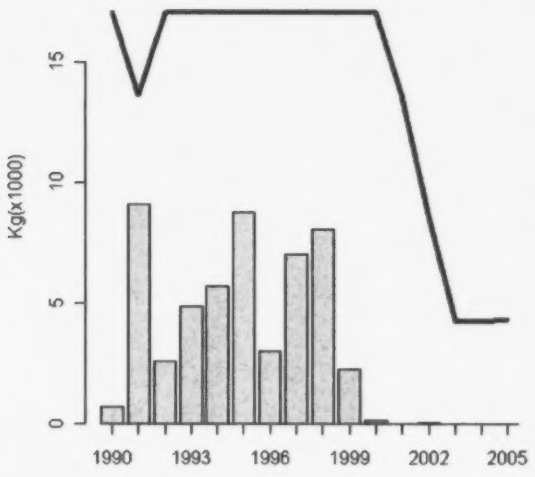

Figure 5-1.3. Chub quota (line) and harvest (bars) from management area 5-1.

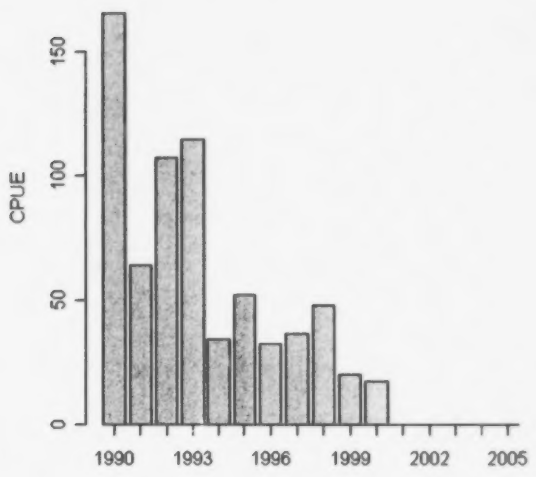

Figure 5-1.4. Chub gill net CPUE (kg/km) for management area 5-1.

Table 5-1.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-1, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	6649	171.4	37.7	17599	37.7
1989	3800	14.6	260.2	17052	22.2
1990	751	3.6	167.7	17052	4.4
1991	9093	141.9	63.9	13654	66.5
1992	2620	23.7	107.8	17055	15.3
1993	4880	42.5	114.8	17052	28.6
1994	5704	165.9	34.2	17052	33.4
1995	8802	167.3	52.3	17052	51.6
1996	3023	90.7	32.4	17052	17.7
1997	7020	179.2	36.5	17052	41.1
1998	8075	167.7	47.9	17052	47.3
1999	2303	112.7	20.4	17052	13.5
2000	167	9.6	17.3	17052	0.9
2001	0	0.0	--	13641	0.0
2002	57	0.0	--	8527	0.6
2003	0	0.0	--	4262	0.0
2004	0	0.0	--	4264	0.0
2005	0	0.0	--	4349	0.0

LAKE TROUT

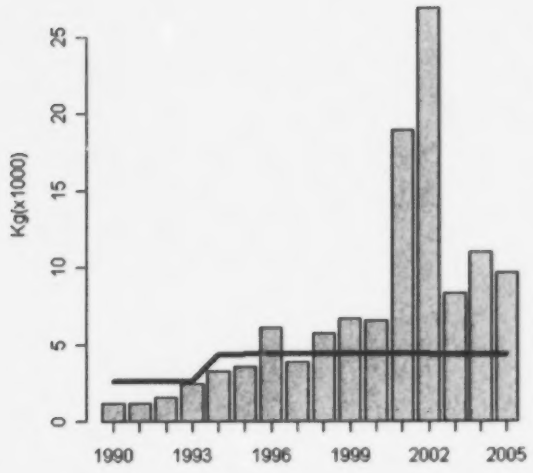

Figure 5-1.5. Lake trout quota (line) and harvest (bars) from management area 4-5.

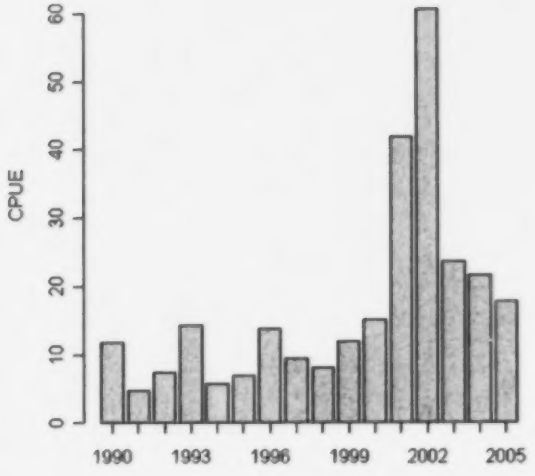

Figure 5-1.6. Lake trout gill net CPUE (kg/km) for management area 5-1.

Table 5-1.4. Lake trout harvest and quota for management area 5-1, 1988 to 2005.

Year	Harvest (kg)	Quota (kg)	% Quota Taken
1988	1561	1156	135.0
1989	846	1171	72.2
1990	1222	2596	47.0
1991	1187	2596	45.7
1992	1584	2596	61.0
1993	2467	2596	95.0
1994	3262	4308	75.7
1995	3597	4418	81.4
1996	6125	4418	138.6
1997	3866	4418	87.5
1998	5728	4418	129.6
1999	6676	4418	151.1
2000	6572	4418	148.7
2001	18881	4418	427.3
2002	26808	4418	606.7
2003	8317	4329	192.1
2004	11014	4329	254.4
2005	9657	4418	218.5

MANAGEMENT AREA 5-2

Table 5-2.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-2, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	24	0	0	--	0
Chub	0	0	4,032	0.0	0
Lake Sturgeon	9	0	39	0.0	0
Lake Trout	7,772	6,383	1,606	397.4	5,363
Lake Whitefish	21,192	20,924	42,743	49.0	52,177
Northern Pike	67	63	456	13.8	64
Walleye	1,465	1,465	4,106	35.7	6,669
Yellow Perch	0	0	734	0.0	0
Sub-Total	30,529	28,835	53,716		64,274
Burbot	500	110			0
Chinook Salmon	22	5			0
Common Carp	598	0			0
Lake Herring	155	87			50
Longnose Gar	2	0			0
Rainbow Smelt	0	0			0
Rainbow Trout	3	3			0
Round Whitefish	1	1			1
Suckers	524	0			0
White Bass	5	0			0
Total	32,338	29,041	53,716		64,324

LAKE WHITEFISH

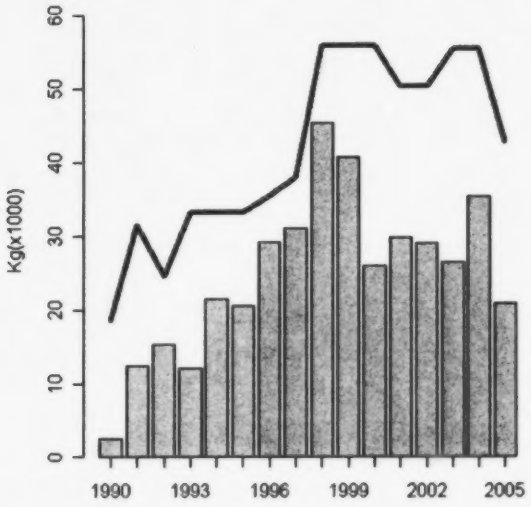

Figure 5-2.1. Lake whitefish quota (line) and harvest (bars) from management area 5-2.

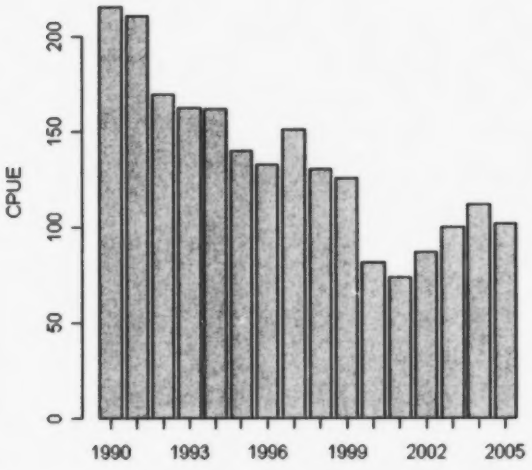

Figure 5-2.2. Lake whitefish gill net CPUE (kg/km) for management area 5-2.

Table 5-2.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-2, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	2108	6.2	260.5	21398	9.8
1989	1683	10.1	121.7	19258	8.7
1990	2532	8.6	216.0	18541	13.6
1991	12406	51.1	210.6	31550	39.3
1992	15397	82.5	169.4	24649	62.4
1993	12073	62.2	162.3	33136	36.4
1994	21518	131.5	161.9	33137	64.9
1995	20558	146.2	139.5	33136	62.0
1996	29163	215.9	132.5	35453	82.2
1997	31035	204.5	150.9	38003	81.6
1998	45392	344.8	130.3	55804	81.3
1999	40762	323.9	125.8	55804	73.0
2000	25890	316.9	81.6	55804	46.3
2001	29852	403.3	73.9	50304	59.3
2002	29042	333.8	86.9	50304	57.7
2003	26443	264.1	100.0	55334	47.7
2004	35309	318.2	112.0	55334	63.8
2005	20924	205.7	101.9	42743	48.9

CHUB

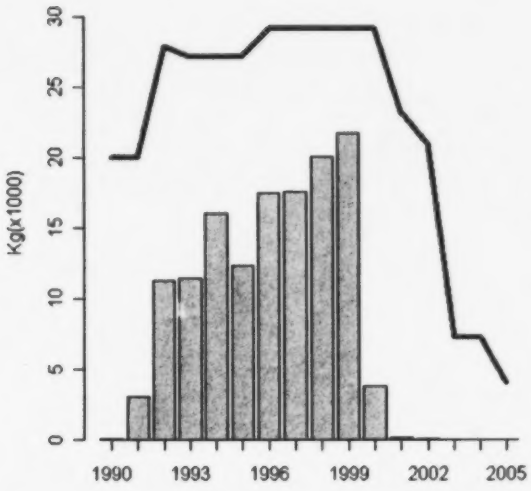

Figure 5-2.3. Chub quota (line) and harvest (bars) from management area 5-2.

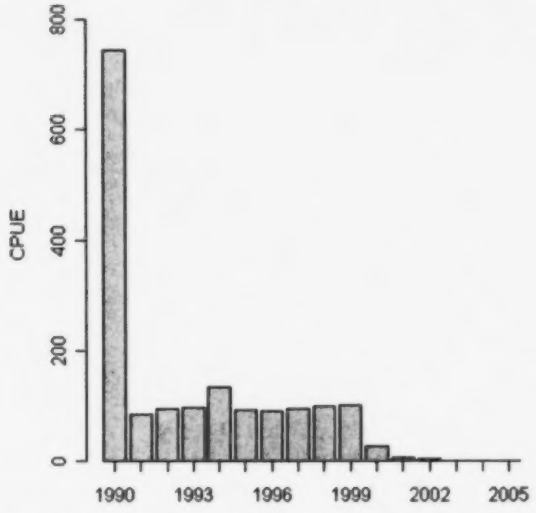

Figure 5-2.4. Chub gill net CPUE (kg/km) for management area 5-2.

Table 5-2.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-2, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	7808	126.2	61.8	20163	38.7
1989	110	2.1	41.4	20163	0.5
1990	92	0.0	–	20001	0.4
1991	3093	33.8	84.6	20000	15.4
1992	11351	117.9	96.2	27903	40.6
1993	11495	116.6	98.1	27163	42.3
1994	16057	118.3	134.6	27163	59.1
1995	12334	130.6	94.4	27163	45.4
1996	17530	189.9	91.8	29163	60.1
1997	17581	180.0	96.4	29163	60.2
1998	20106	195.5	99.8	29163	68.9
1999	21780	213.2	102.1	29163	74.6
2000	3824	138.4	27.2	29163	13.1
2001	203	26.3	7.7	23342	0.8
2002	124	20.6	5.9	21011	0.5
2003	0	0.0	–	7327	0.0
2004	0	0.0	–	7328	0.0
2005	0	0.0	–	4032	0.0

WALLEYE

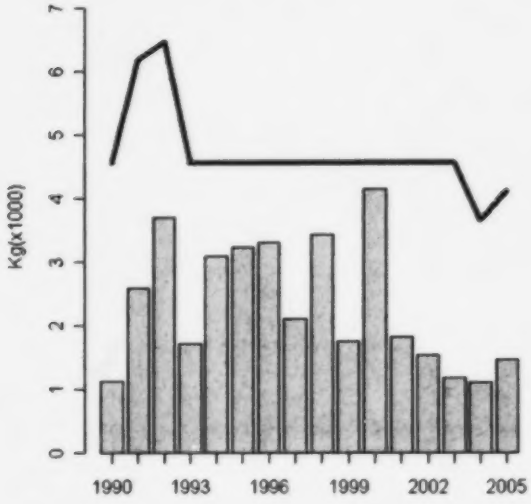

Figure 5-2.5. Walleye quota (line) and harvest (bars) from management area 5-2.

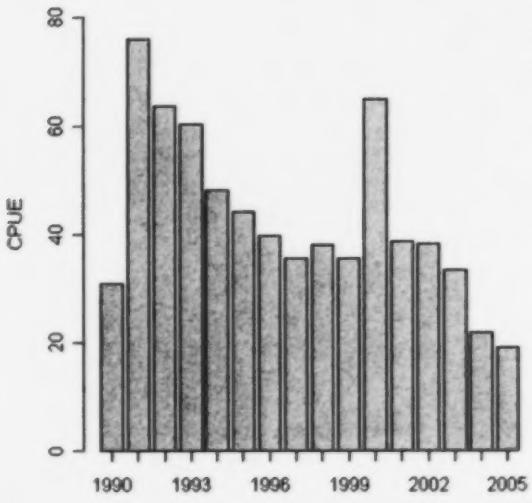

Figure 5-2.6. Walleye gill net CPUE (kg/km) for management area 5-2.

Table 5-2.4. Walleye harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-2, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	2144	26.7	55.8	4591	46.7
1989	1939	30.7	24.9	4591	42.2
1990	1125	14.3	31.2	4568	24.6
1991	2604	14.7	76.3	6192	42.0
1992	3712	28.3	63.7	6465	57.4
1993	1721	17.9	60.3	4566	37.6
1994	3090	61.1	48.2	4566	67.6
1995	3237	72.7	44.3	4566	70.8
1996	3313	81.9	39.7	4566	72.5
1997	2110	55.8	35.5	4566	46.2
1998	3441	84.4	38.2	4566	75.3
1999	1762	41.8	35.6	4566	38.5
2000	4148	54.8	64.9	4566	90.8
2001	1830	45.5	38.8	4566	40.0
2002	1552	39.2	38.4	4566	33.9
2003	1188	32.7	33.6	4566	26.0
2004	1119	46.0	21.8	3653	30.6
2005	1465	43.3	19.2	4106	35.6

MANAGEMENT AREA 5-3

Table 5-3.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-3, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	908	0.0	0
Chub	0	0	48,753	0.0	0
Lake Sturgeon	0	0	0	--	0
Lake Trout	6,082	6,082	2,706	224.8	4,693
Lake Whitefish	18,156	18,103	49,182	36.8	35,737
Northern Pike	0	0	414	0.0	0
Walleye	4	4	0	--	13
Yellow Perch	0	0	2,412	0.0	0
Sub-Total	24,242	24,189	104,375		40,444
Burbot	218	0			0
Lake Herring	31	31			21
Suckers	45	0			0
Total	24,536	24,220	104,375		40,464

LAKE WHITEFISH

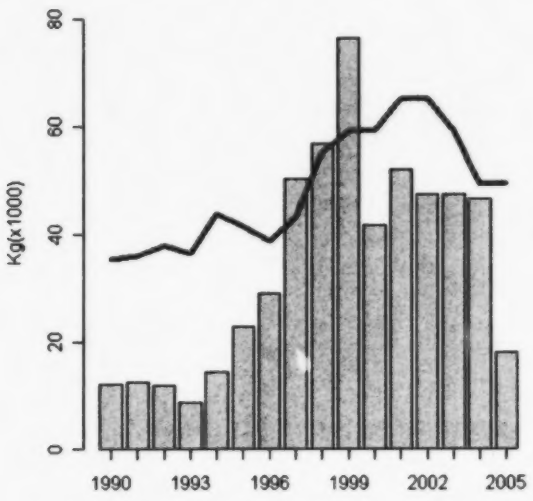

Figure 5-3.1. Lake whitefish quota (line) and harvest (bars) from management area 5-3.

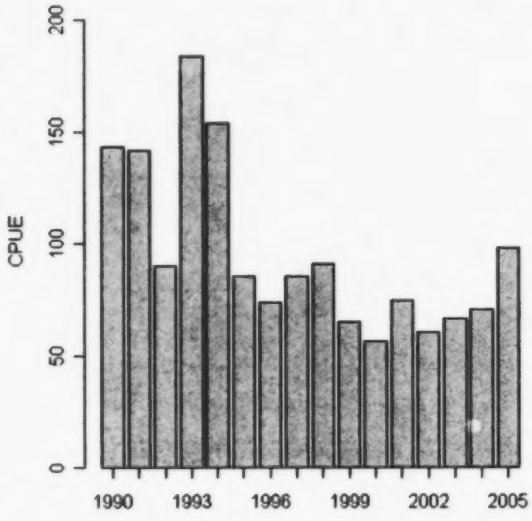

Figure 5-3.2. Lake whitefish gill net CPUE (kg/km) for management area 5-3.

Table 5-3.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-3, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	8172	49.0	154.7	40197	20.3
1989	8998	45.9	195.1	36508	24.6
1990	12139	83.9	143.5	35440	34.2
1991	12489	86.5	142.1	36066	34.6
1992	11846	125.0	89.9	37947	31.2
1993	8797	47.2	183.8	36430	24.1
1994	14416	92.3	153.8	43717	32.9
1995	22806	257.1	85.4	41455	55.0
1996	29079	383.2	73.9	38687	75.1
1997	50304	424.7	85.4	43182	116.4
1998	56948	622.8	91.3	55182	103.2
1999	76408	1013.2	64.9	59182	129.1
2000	41580	454.9	56.5	59182	70.2
2001	52103	634.9	74.6	65182	79.9
2002	47311	534.2	60.5	65182	72.5
2003	47401	530.1	66.7	59182	80.0
2004	46486	657.5	70.7	49182	94.5
2005	18103	184.4	98.1	49182	36.8

CHUB

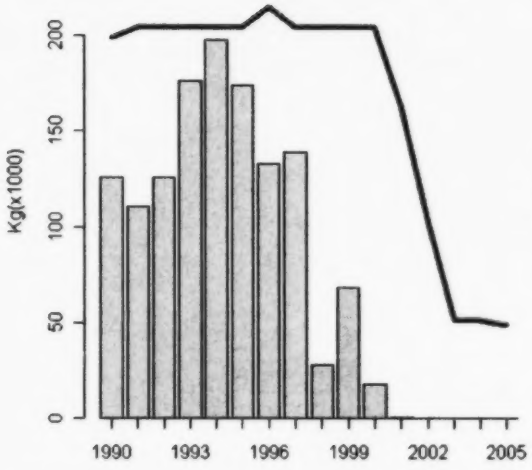

Figure 5-3.3. Chub quota (line) and harvest (bars) from management area 5-3.

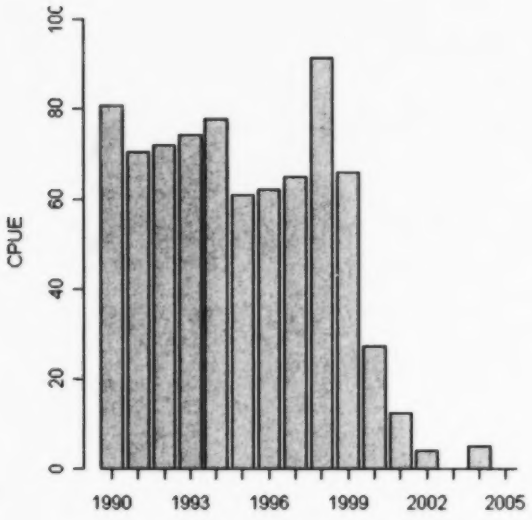

Figure 5-3.4. Chub gill net CPUE (kg/km) for management area 5-3.

Table 5-3.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-3, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	158790	2079.9	75.5	185787	85.4
1989	149111	1755.1	84.9	185787	80.2
1990	126031	1558.4	80.8	198722	63.4
1991	110256	1564.0	70.4	204286	53.9
1992	125884	1746.2	72.0	204770	61.4
1993	176181	2376.1	74.1	204286	86.2
1994	197840	2597.2	77.8	204286	96.8
1995	173979	2955.7	61.0	204286	85.1
1996	132949	2232.1	62.2	214638	61.9
1997	139195	2161.5	64.9	204286	68.1
1998	28093	293.0	91.3	204286	13.7
1999	68233	343.9	65.8	204286	33.4
2000	17839	197.5	27.2	204286	8.7
2001	634	31.0	12.4	163429	0.3
2002	23	5.4	4.2	102385	0.0
2003	0	0.0	--	52033	0.0
2004	8	1.6	5.2	51194	0.0
2005	0	0.0	--	48753	0.0

LAKE TROUT

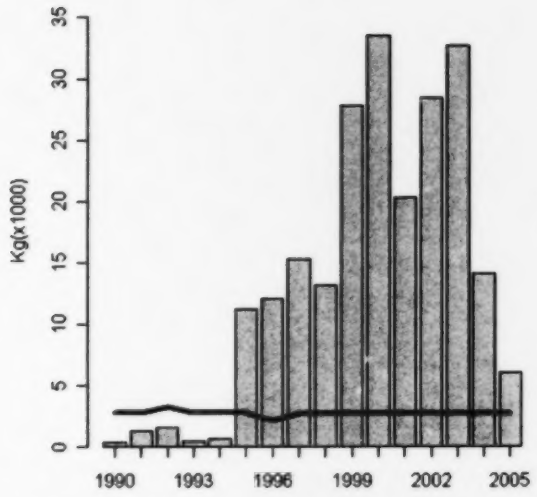

Figure 5-3.5. Lake trout quota (line) and harvest (bars) from management area 5-3.

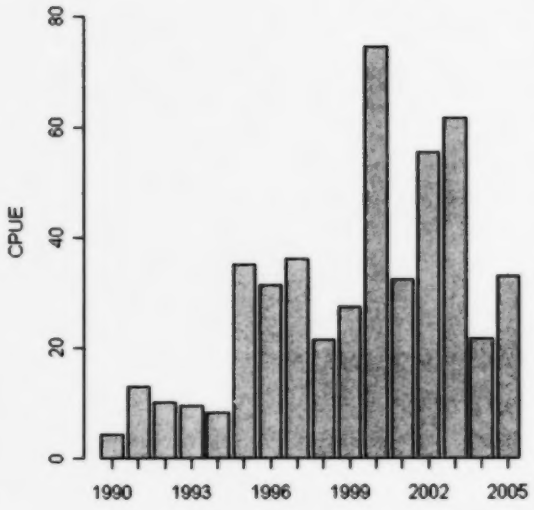

Figure 5-3.6. Lake trout gill net CPUE (kg/km) for management area 5-3.

Table 5-3.4. Lake trout harvest and quota for management area 5-3, 1988 to 2005.

Year	Harvest (kg)	Quota (kg)	% Quota Taken
1988	1541	1256	122.6
1989	611	1271	48.0
1990	428	2820	15.1
1991	1304	2820	46.2
1992	1575	3275	48.0
1993	512	2820	18.1
1994	700	2862	24.4
1995	11223	2823	397.5
1996	12024	2208	544.5
1997	15261	2706	563.9
1998	13115	2706	484.6
1999	27722	2706	1024.4
2000	33441	2706	1235.8
2001	20235	2706	747.7
2002	28398	2706	1049.4
2003	32620	2706	1205.4
2004	14087	2706	520.5
2005	6082	2706	224.7

MANAGEMENT AREA 5-4

Table 5-4.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-4, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	0	0	3,000	0.0	0
Lake Sturgeon	0	0	0	--	0
Lake Trout	25	17	8	212.5	14
Lake Whitefish	120	120	2,134	5.6	299
Northern Pike	8	8	0	--	8
Walleye	38	38	61	62.3	173
Yellow Perch	0	0	0	--	0
Sub-Total	191	183	5,203		495
Common Carp	4	0			0
Lake Herring	18	18			10
Suckers	29	0			0
Total	241	201	5,203		505

LAKE WHITEFISH

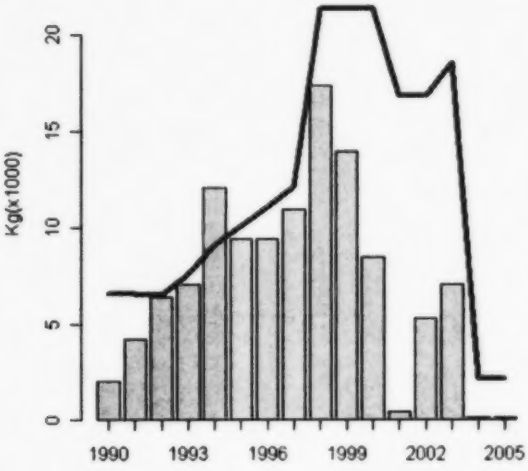

Figure 5-4.1. Lake whitefish quota (line) and harvest (bars) from management area 5-4.

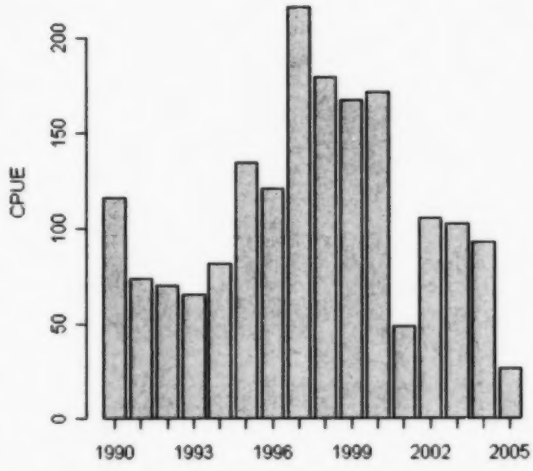

Figure 5-4.2. Lake whitefish gill net CPUE (kg/km) for management area 5-4.

Table 5-4.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-4, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	1303	28.0	44.9	7273	17.9
1989	2997	34.9	85.5	7220	41.5
1990	2021	17.3	116.2	6545	30.8
1991	4219	57.2	73.7	6538	64.5
1992	6409	91.5	69.9	6521	98.2
1993	7015	107.4	65.3	7586	92.4
1994	12064	148.4	81.2	9103	132.5
1995	9386	69.5	134.8	10013	93.7
1996	9421	77.9	120.9	11014	85.5
1997	10924	51.8	216.1	12116	90.1
1998	17326	96.6	179.3	21328	81.2
1999	13909	83.2	167.1	21328	65.2
2000	8426	49.1	171.6	21328	39.5
2001	463	9.5	48.7	16828	2.7
2002	5271	50.1	105.2	16828	31.3
2003	7037	68.9	102.1	18511	38.0
2004	169	1.8	94.0	2134	7.9
2005	120	4.4	27.1	2134	5.6

CHUB

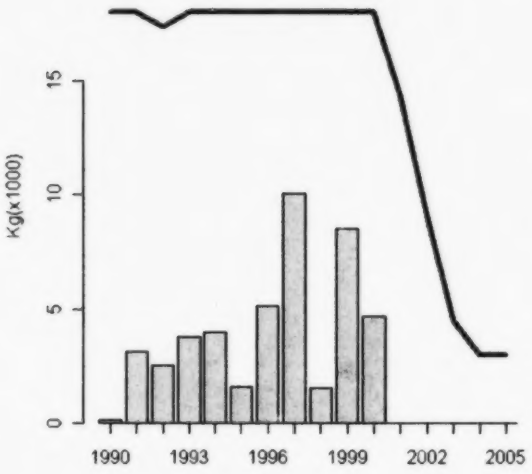

Figure 5-4.3. Chub quota (line) and harvest (bars) from management area 5-4.

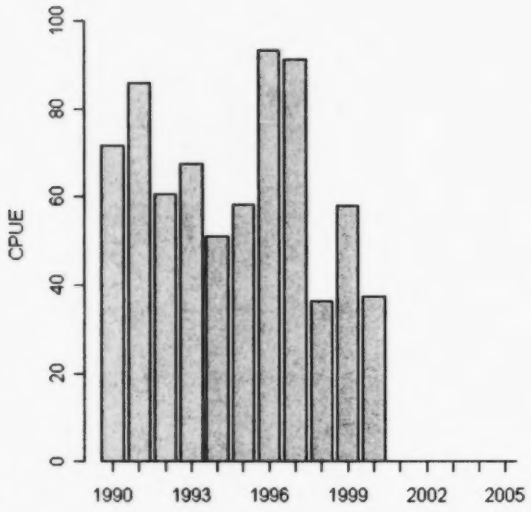

Figure 5-4.4. Chub gill net CPUE (kg/km) for management area 5-4.

Table 5-4.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-4, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	9368	167.0	50.8	18000	52.0
1989	780	5.4	144.4	18000	4.3
1990	170	2.2	74.4	18000	0.9
1991	3140	36.5	86.0	18000	17.4
1992	2584	42.6	60.6	17378	14.8
1993	3812	56.5	67.4	18000	21.1
1994	4017	78.7	51.0	18000	22.3
1995	1635	28.0	58.4	18000	9.0
1996	5141	55.1	93.3	18000	28.5
1997	10088	110.6	91.2	18000	56.0
1998	1565	38.6	36.4	18000	8.6
1999	8524	146.7	58.1	18000	47.3
2000	4684	124.7	37.5	18000	26.0
2001	0	0.0	--	14400	0.0
2002	0	0.0	--	9000	0.0
2003	0	0.0	--	4500	0.0
2004	0	0.0	--	3000	0.0
2005	0	0.0	--	3000	0.0

LAKE TROUT

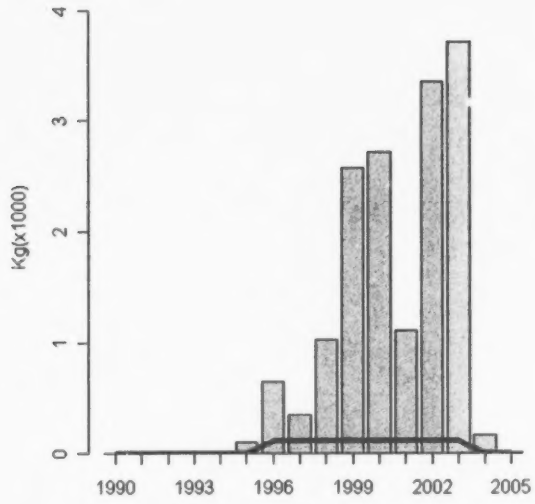

Figure 5-4.5. Lake trout quota (line) and harvest (bars) from management area 5-4.

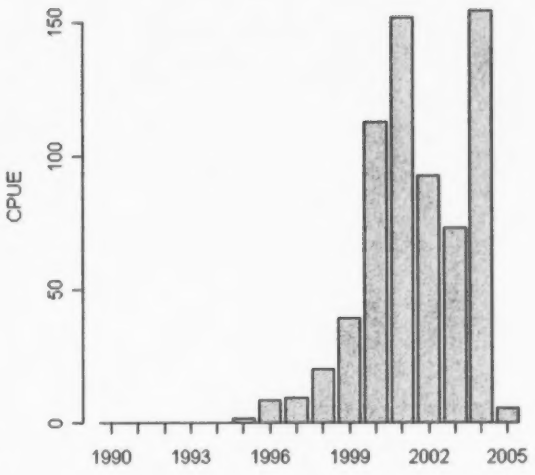

Figure 5-4.6. Lake trout gill net CPUE (kg/km) for management area 5-4.

Table 5-4.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-4, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	0	0.0	0	0.0
1989	0	0.0	0	0.0
1990	0	0.0	0	0.0
1991	0	0.0	0	0.0
1992	0	0.0	0	0.0
1993	0	0.0	0	0.0
1994	6	0.2	0	0.0
1995	112	1.7	6	1866.6
1996	649	8.6	113	574.3
1997	348	9.7	113	307.9
1998	1027	20.1	113	908.8
1999	2571	39.4	113	2275.2
2000	2718	112.6	113	2405.3
2001	1107	151.6	113	979.6
2002	3349	92.4	113	2963.7
2003	3707	73.0	113	3280.5
2004	168	154.1	8	2100.0
2005	17	5.5	8	212.5

MANAGEMENT AREA 5-5

Table 5-5.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-5, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	0	--	0
Chub	0	0	0	--	0
Lake Sturgeon	0	0	0	--	0
Lake Trout	0	0	0	--	0
Lake Whitefish	0	0	0	--	0
Northern Pike	0	0	0	--	0
Walleye	0	0	0	--	0
Yellow Perch	0	0	0	--	0
Sub-Total	0	0	0		0
Total	0	0	0		0

LAKE WHITEFISH

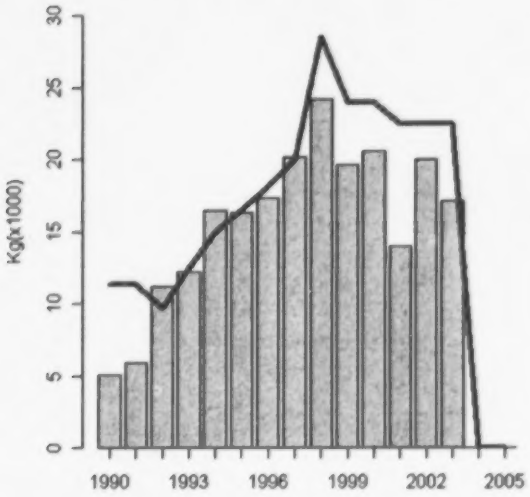

Figure 5-5.1. Lake whitefish quota (line) and harvest (bars) from management area 5-5.

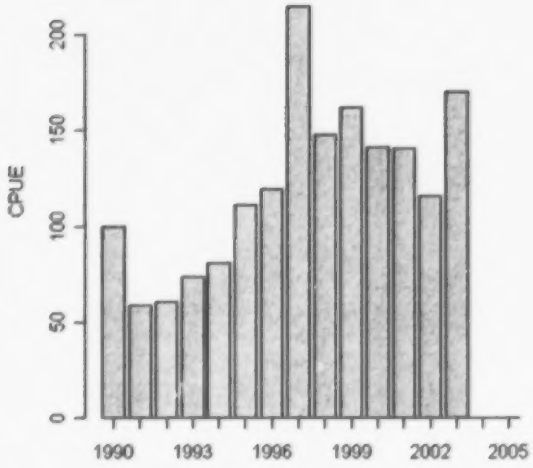

Figure 5-5.2. Lake whitefish gill net CPUE (kg/km) for management area 5-5.

Table 5-5.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-5, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	3961	54.4	72.2	12620	31.3
1989	3900	50.2	77.2	11766	33.1
1990	5102	50.9	100.1	11353	44.9
1991	5912	99.9	59.1	11353	52.0
1992	11201	183.8	60.9	9722	115.2
1993	12239	166.3	73.5	12488	98.0
1994	16506	203.6	80.8	14985	110.1
1995	16347	146.9	111.2	16484	99.1
1996	17304	145.2	119.1	18133	95.4
1997	20160	94.2	214.7	19946	101.0
1998	24211	162.3	147.6	28477	85.0
1999	19607	121.0	162.0	23941	81.8
2000	20577	145.7	141.2	23941	85.9
2001	13922	98.7	141.0	22441	62.0
2002	19979	172.3	115.9	22441	89.0
2003	17114	100.2	170.7	22441	76.2
2004	0	0.0	–	0	–
2005	0	0.0	–	0	–

CHUB

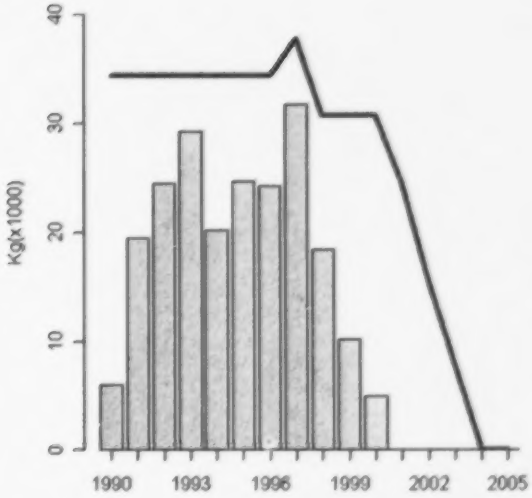

Figure 5-5.3. Chub quota (line) and harvest (bars) from management area 5-5.

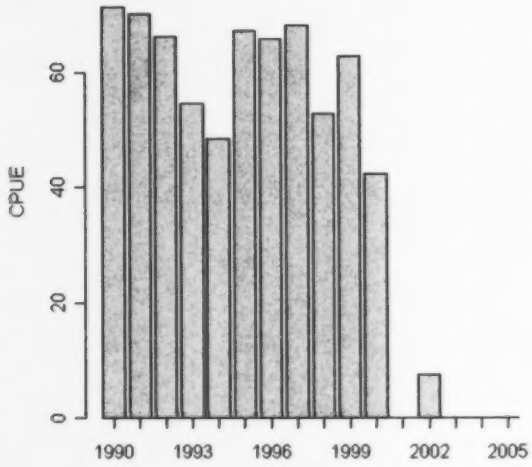

Figure 5-5.4. Chub gill net CPUE (kg/km) for management area 5-5.

Table 5-5.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-5, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	24620	384.6	62.1	31488	78.1
1989	23491	245.3	95.5	31488	74.6
1990	5981	82.5	71.3	34364	17.4
1991	19483	275.2	70.1	34364	56.6
1992	24445	369.3	66.1	34370	71.1
1993	29323	536.6	54.6	34364	85.3
1994	20180	418.8	48.4	34364	58.7
1995	24733	372.0	67.1	34364	71.9
1996	24247	376.0	65.8	34364	70.5
1997	31767	469.3	68.1	37800	84.0
1998	18377	348.3	52.7	30736	59.7
1999	10149	161.6	62.8	30736	33.0
2000	4942	116.3	42.4	30736	16.0
2001	0	0.0	--	24589	0.0
2002	25	3.2	7.8	15368	0.1
2003	0	0.0	--	7684	0.0
2004	0	0.0	--	0	--
2005	0	0.0	--	0	--

LAKE TROUT

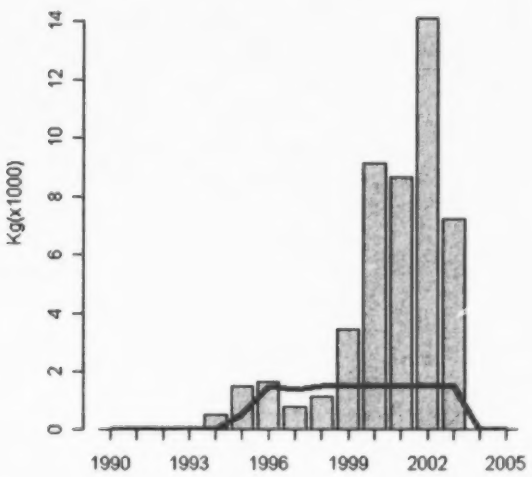

Figure 5-5.5. Lake trout quota (line) and harvest (bars) from management area 5-5.

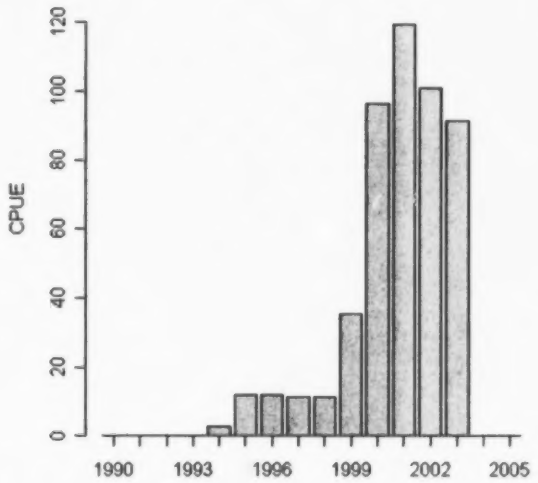

Figure 5-5.6. Lake trout gill net CPUE (kg/km) for management area 5-5.

Table 5-5.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-5, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	128	2.3	0	0.0
1989	0	0.0	0	0.0
1990	0	0.0	0	0.0
1991	0	0.0	0	0.0
1992	0	0.0	0	0.0
1993	0	0.0	0	0.0
1994	523	2.8	0	0.0
1995	1504	11.9	524	287.0
1996	1649	12.0	1504	109.6
1997	816	11.3	1380	59.1
1998	1142	11.2	1504	75.9
1999	3430	35.2	1504	228.0
2000	9117	96.4	1504	606.1
2001	8653	119.3	1504	575.3
2002	14075	101.0	1504	935.8
2003	7224	91.4	1504	480.3
2004	0	--	0	0.0
2005	0	--	0	0.0

MANAGEMENT AREA 5-6

Table 5-6.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-6, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	na	na	0	na	na
Chub	na	na	22,172	na	na
Lake Sturgeon	na	na	0	na	na
Lake Trout	na	na	3,785	na	na
Lake Whitefish	na	na	29,930	na	na
Northern Pike	na	na	0	na	na
Walleye	na	na	332	na	na
Yellow Perch	na	na	1,271	na	na
Sub-Total	na	na	57,490	na	na
Total	na	na	57,490	na	na

LAKE WHITEFISH

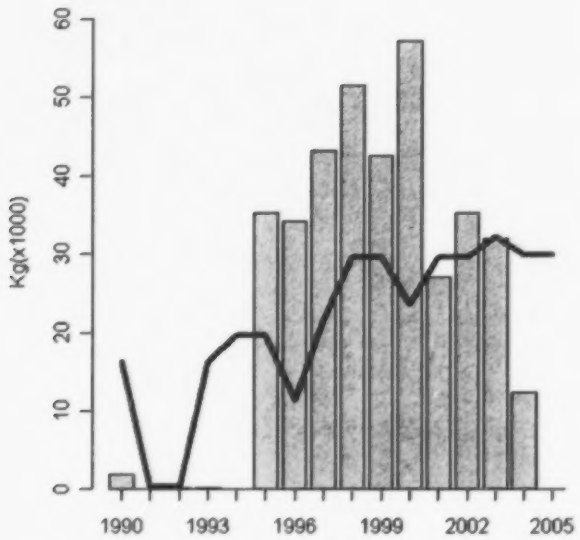

Figure 5-6.1. Lake whitefish quota (line) and harvest (bars) from management area 5-6.

Table 5-6.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-6, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	3690	0.0	--	16354	22.5
1989	2158	0.0	--	16354	13.1
1990	1987	0.0	--	16308	12.1
1991	155	3.4	45.4	408	37.9
1992	165	3.6	45.7	431	38.2
1993	200	2.7	73.9	16331	1.2
1994	91	1.6	56.1	19597	0.4
1995	35257	257.8	48.5	19597	179.9
1996	34118	337.6	47.3	11401	299.2
1997	43095	435.7	45.9	21556	199.9
1998	51423	381.9	60.6	29556	173.9
1999	42536	569.0	72.0	29556	143.9
2000	57067	416.8	62.1	23556	242.2
2001	27008	296.3	68.9	29566	91.3
2002	35180	468.8	72.6	29556	119.0
2003	31835	595.3	38.6	32198	98.8
2004	12293	333.7	36.8	29930	41.0
2005	na	na	na	29930	na

CHUB

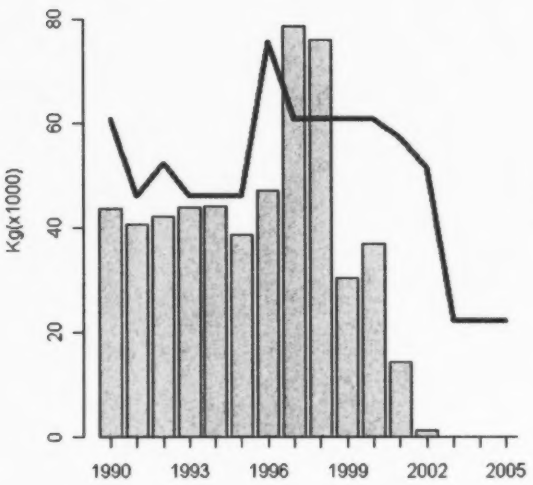

Figure 5-6.2. Chub quota (line) and harvest (bars) from management area 5-6.

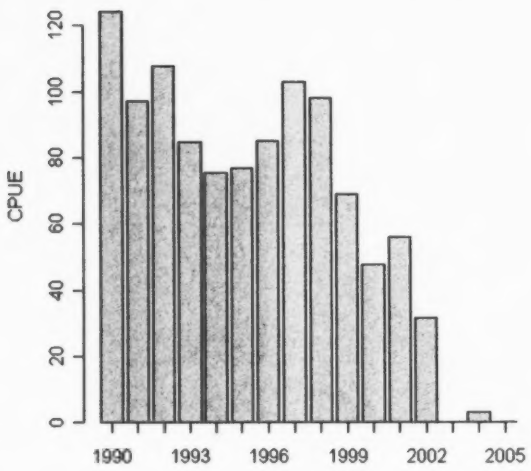

Figure 5-6.3. Chub gill net CPUE (kg/km) for management area 5-6.

Table 5-6.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-6, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	41371	466.3	88.0	55307	74.8
1989	41116	372.6	110.3	55307	74.3
1990	43669	352.0	124.0	60820	71.8
1991	40663	418.6	97.1	46070	88.2
1992	42139	390.9	107.7	52505	80.2
1993	43870	516.9	84.8	46070	95.2
1994	44080	603.6	75.6	46070	95.6
1995	38851	526.1	76.9	46070	84.3
1996	47293	553.5	85.0	75615	62.5
1997	78631	720.7	103.0	60820	129.2
1998	75988	595.7	98.0	60820	124.9
1999	30543	456.9	69.1	60820	50.2
2000	37073	454.6	47.8	60820	60.9
2001	14330	238.2	55.8	57525	24.9
2002	1454	52.1	31.6	51595	2.8
2003	75	0.0	--	22172	0.3
2004	27	1.8	3.4	22172	0.1
2005	na	na	na	22172	na

LAKE TROUT

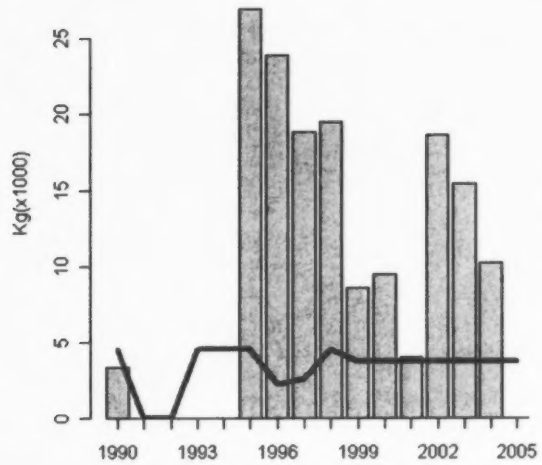

Figure 5-6.4. Lake trout quota (line) and harvest (bars) from management area 5-6.

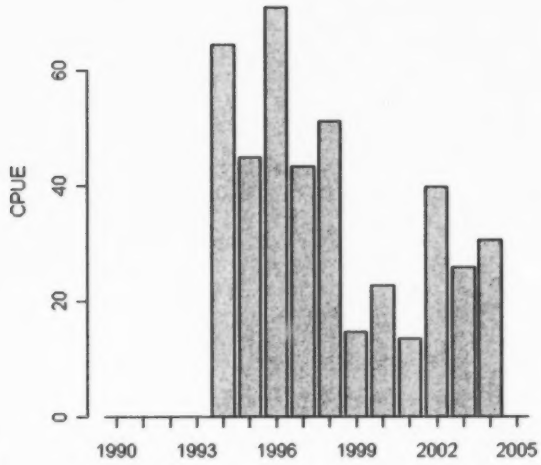

Figure 5-6.5. Lake trout gill net CPUE (kg/km) for management area 5-6.

Table 5-6.4. Lake trout harvest and quota for management area 5-6, 1988 to 2005.

Year	Harvest (kg)	Quota (kg)	% Quota Taken
1988	11923	2067	576.8
1989	4821	2067	233.2
1990	3373	4558	74.0
1991	0	12	0.0
1992	0	12	0.0
1993	0	4558	0.0
1994	9	4558	0.1
1995	26922	4558	590.6
1996	23878	2291	1042.2
1997	18874	2605	724.5
1998	19539	4546	429.8
1999	8550	3785	225.8
2000	9468	3785	250.1
2001	4039	3785	106.7
2002	18622	3785	491.9
2003	15447	3785	408.1
2004	10197	3785	269.4
2005	na	3785	na

MANAGEMENT AREA 5-7

Table 5-7.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-7, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	39	25	0	–	0
Chub	1	0	2,184	0.0	0
Lake Sturgeon	151	103	544	18.9	290
Lake Trout	38,949	36,442	3,142	1,159.8	30,618
Lake Whitefish	15,899	15,583	69,343	22.5	38,859
Northern Pike	43	43	1,175	3.7	44
Walleye	937	936	1,370	68.3	4,261
Yellow Perch	2	2	2,378	0.1	6
Sub-Total	56,022	53,134	80,136		74,077
Brown Trout	2	0			0
Burbot	331	0			0
Chinook Salmon	106	6			0
Common Carp	295	189			0
Gizzard Shad	34	0			0
Lake Herring	950	950			541
Longnose Gar	82	0			0
Muskellunge	11	0			0
Pink Salmon	5	0			0
Rainbow Trout	14	0			0
Rock Bass	23	0			0
Round Whitefish	355	354			328
Sea Lamprey	3	3			0
Smallmouth Bass	139	0			0
Suckers	820	452			0
White Perch	80	79			0
Total	59,270	55,167	80,136		74,946

LAKE WHITEFISH

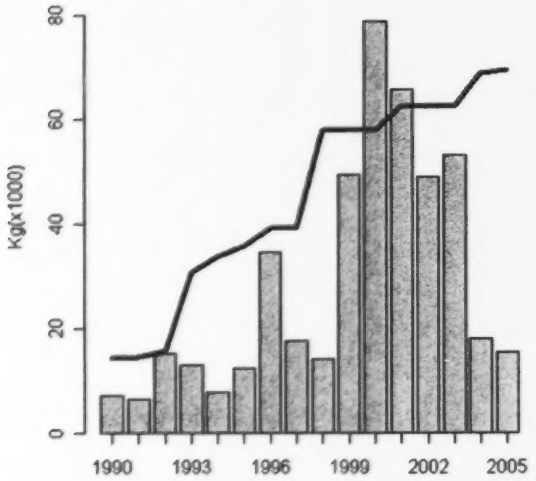

Figure 5-7.1. Lake whitefish quota (line) and harvest (bars) from management area 5-7.

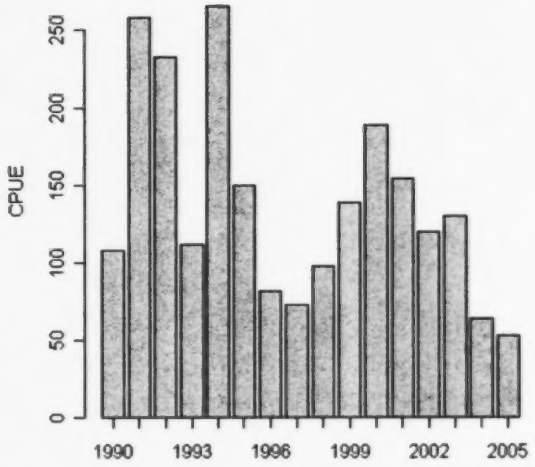

Figure 5-7.2. Lake whitefish gill net CPUE (kg/km) for management area 5-7.

Table 5-7.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-7, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	4678	64.2	59.7	24248	19.2
1989	6571	79.2	79.4	24338	26.9
1990	7328	59.5	108.0	14346	51.0
1991	6699	25.2	259.2	14618	45.8
1992	15229	65.3	232.7	15747	96.7
1993	13237	114.3	111.5	30727	43.0
1994	7945	29.8	265.8	33791	23.5
1995	12512	83.3	150.2	35636	35.1
1996	34676	127.0	81.8	39200	88.4
1997	17664	118.0	73.0	39200	45.0
1998	14228	145.2	97.8	57742	24.6
1999	49478	349.3	139.2	57742	85.6
2000	78604	414.9	188.8	57742	136.1
2001	65597	433.9	154.5	62415	105.0
2002	48974	408.9	119.5	62415	78.4
2003	53136	406.6	129.8	62415	85.1
2004	18069	279.2	64.2	68657	26.3
2005	15583	291.3	53.3	69343	22.4

CHUB

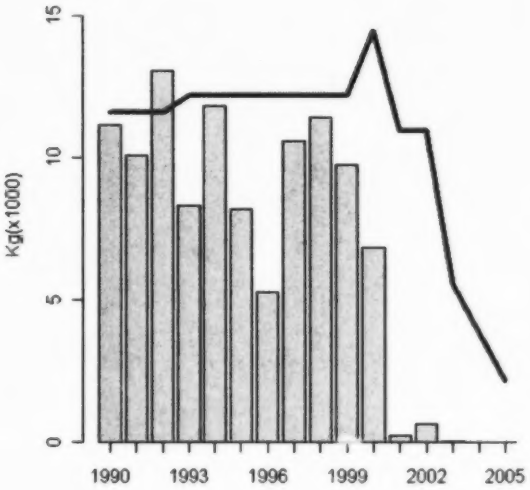

Figure 5-7.3. Chub quota (line) and harvest (bars) from management area 5-7.

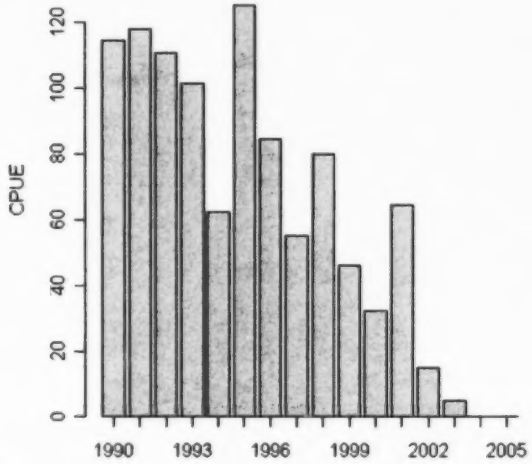

Figure 5-7.4. Chub gill net CPUE (kg/km) for management area 5-7.

Table 5-7.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-7, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	10408	101.4	102.5	11441	90.9
1989	9870	74.9	131.7	10538	93.6
1990	11166	97.3	114.7	11592	96.3
1991	10101	85.5	118.1	11592	87.1
1992	13077	117.8	111.0	11594	112.7
1993	8338	82.2	101.4	12202	68.3
1994	11837	193.6	62.4	12202	97.0
1995	8198	71.0	125.2	12202	67.1
1996	5304	63.0	84.7	12202	43.4
1997	10592	192.7	55.0	12202	86.8
1998	11430	135.2	80.2	12202	93.6
1999	9753	212.3	46.3	12202	79.9
2000	6833	210.8	32.2	14470	47.2
2001	245	4.5	65.5	10983	2.2
2002	640	38.2	15.1	10983	5.8
2003	46	9.3	4.9	5585	0.8
2004	0	0.0	--	3838	0.0
2005	0	0.0	--	2184	0.0

LAKE TROUT

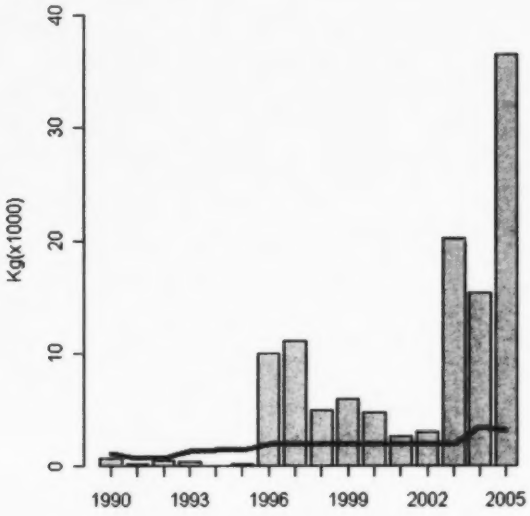

Figure 5-7.5. Lake trout quota (line) and harvest (bars) from management area 5-7.

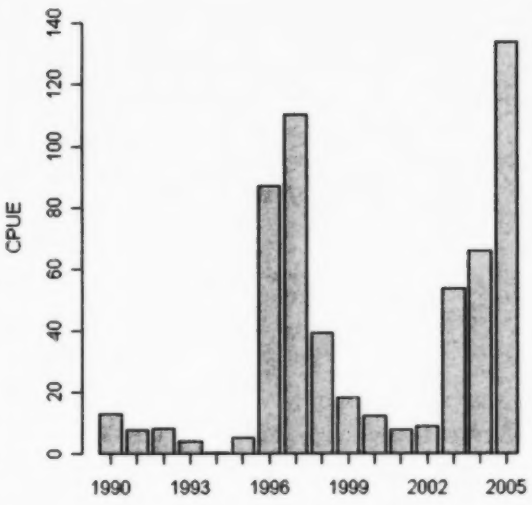

Figure 5-7.6. Lake trout gill net CPUE (kg/km) for management area 5-7.

Table 5-7.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-7, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	826	11.5	631	130.9
1989	714	8.7	590	121.0
1990	796	13.0	1125	70.7
1991	207	8.1	745	27.7
1992	553	8.4	774	71.4
1993	466	4.0	1355	34.3
1994	20	0.6	1418	1.4
1995	222	5.3	1421	15.6
1996	10020	87.0	1921	521.6
1997	11080	110.2	1921	576.7
1998	5004	39.4	1976	253.2
1999	6006	18.3	1976	303.9
2000	4747	12.2	1976	240.2
2001	2685	7.7	1976	135.8
2002	3044	9.0	1976	154.0
2003	20190	53.7	1976	1021.7
2004	15320	65.8	3462	442.5
2005	36442	133.6	3142	1159.8

WALLEYE

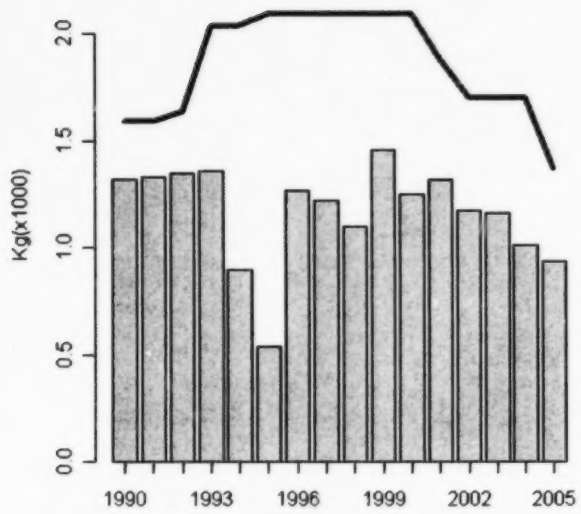

Figure 5-7.7. Walleye quota (line) and harvest (bars) from management area 5-7.

Table 5-7.5. Walleye harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-7, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	1309	21.9	46.3	2085	62.7
1989	1375	16.4	60.0	2085	65.9
1990	1321	14.1	90.7	1590	83.0
1991	1330	18.7	68.8	1590	83.6
1992	1347	15.5	86.3	1635	82.3
1993	1361	20.5	63.8	2036	66.8
1994	897	17.3	51.8	2040	43.9
1995	542	4.6	117.7	2090	25.9
1996	1265	14.6	56.8	2090	60.5
1997	1222	23.1	45.3	2090	58.4
1998	1100	38.6	28.1	2090	52.6
1999	1455	59.5	24.3	2090	69.6
2000	1251	57.0	20.6	2090	59.8
2001	1319	60.0	21.1	1885	69.9
2002	1173	87.7	11.5	1701	68.9
2003	1163	62.8	16.7	1701	68.3
2004	1012	139.6	6.4	1701	59.4
2005	936	91.6	8.9	1370	68.3

MANAGEMENT AREA 5-8

Table 5-8.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-8, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	na	na	0	na	na
Chub	na	na	4,996	na	na
Lake Sturgeon	na	na	0	na	na
Lake Trout	na	na	6,161	na	na
Lake Whitefish	na	na	53,326	na	na
Northern Pike	na	na	0	na	na
Walleye	na	na	0	na	na
Yellow Perch	na	na	1,134	na	na
Sub-Total	na	na	65,617	na	na
Total	na	na	65,617	na	na

LAKE WHITEFISH

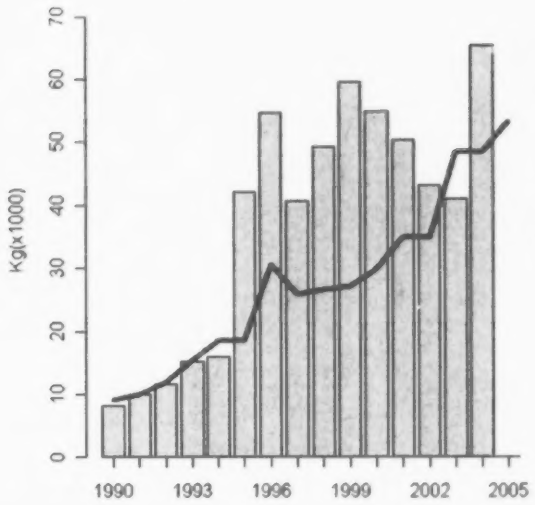

Figure 5-8.1. Lake whitefish quota (line) and harvest (bars) from management area 5-8.

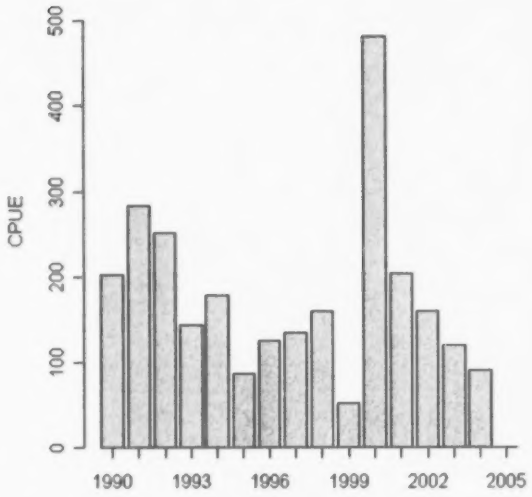

Figure 5-8.2. Lake whitefish gill net CPUE (kg/km) for management area 5-8.

Table 5-8.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-8, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	3468	11.8	179.9	9072	38.2
1989	4115	13.2	209.0	9072	45.3
1990	8239	33.5	203.1	9072	90.8
1991	9996	27.9	284.4	9979	100.1
1992	11705	39.8	251.6	11977	97.7
1993	15320	96.0	143.9	15420	99.3
1994	15929	88.9	179.3	18504	86.0
1995	42125	398.1	87.4	18504	227.6
1996	54843	327.2	126.0	30509	179.7
1997	40676	231.9	134.9	25966	156.6
1998	49291	271.2	160.5	26628	185.1
1999	59669	36.1	52.6	27091	220.2
2000	54955	54.5	481.6	29800	184.4
2001	50498	227.5	204.3	34980	144.3
2002	43128	268.1	159.9	34980	123.2
2003	41111	302.1	120.3	48478	84.8
2004	65347	719.9	90.7	48478	134.7
2005	na	na	na	53326	na

CHUB

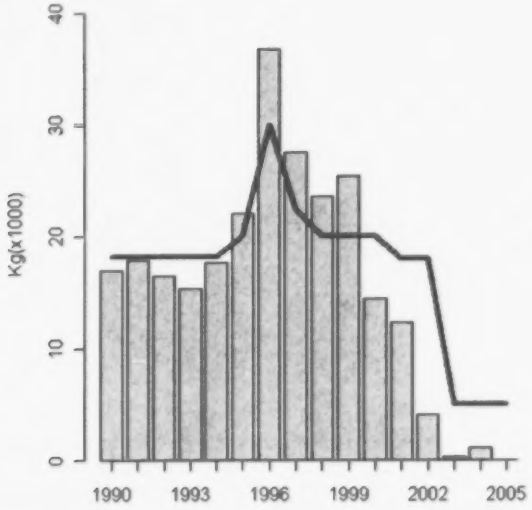

Figure 5-8.3. Chub quota (line) and harvest (bars) from management area 5-8.

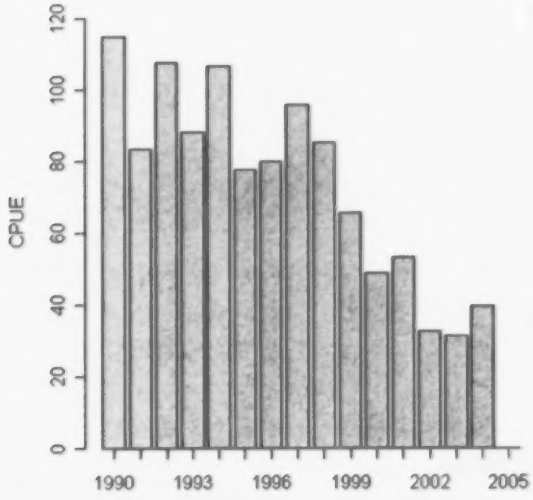

Figure 5-8.4. Chub gill net CPUE (kg/km) for management area 5-8.

Table 5-8.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-8, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	15755	166.4	94.6	16533	95.2
1989	22366	154.9	142.0	16533	135.2
1990	16967	146.4	115.0	18186	93.2
1991	17908	213.6	83.8	18168	98.5
1992	16437	152.3	107.9	18171	90.4
1993	15378	173.9	88.4	18168	84.6
1994	17717	170.0	106.7	18168	97.5
1995	22099	298.0	77.8	19985	110.5
1996	36721	273.9	80.1	29956	122.5
1997	27534	288.1	96.0	22493	122.4
1998	23560	268.0	85.5	19985	117.8
1999	25351	331.4	65.9	19985	126.8
2000	14459	271.7	48.9	19985	72.3
2001	12271	238.3	53.5	17986	68.2
2002	4102	151.0	32.7	17986	22.8
2003	360	3.6	32.1	4996	7.2
2004	1128	29.4	39.8	4996	22.5
2005	na	na	na	4996	na

LAKE TROUT

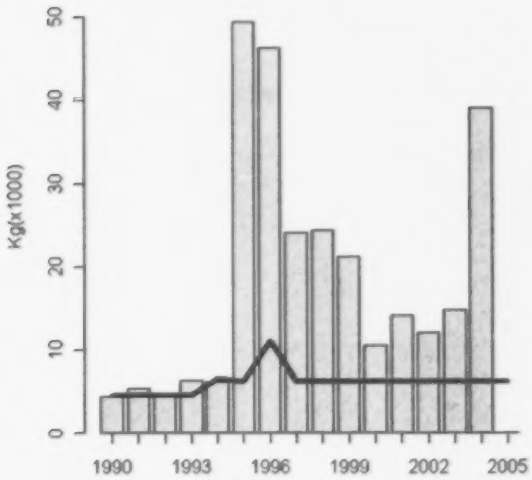

Figure 5-8.5. Lake trout quota (line) and harvest (bars) from management area 5-8.

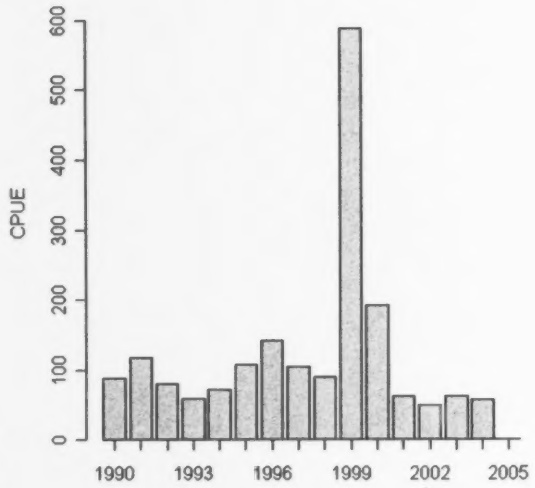

Figure 5-8.6. Lake trout gill net CPUE (kg/km) for management area 5-8.

Table 5-8.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-8, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	3904	100.4	4536	86.0
1989	4584	175.8	4536	101.0
1990	4474	87.6	4536	98.6
1991	5372	117.7	4536	118.4
1992	4536	80.7	4537	99.9
1993	6403	59.2	4536	141.1
1994	6207	72.6	6603	94.0
1995	49434	108.2	6161	802.3
1996	46396	141.9	11106	417.7
1997	24083	105.0	6161	390.8
1998	24383	90.3	6161	395.7
1999	21218	587.4	6161	344.3
2000	10525	192.8	6161	170.8
2001	14064	62.5	6161	228.2
2002	12074	48.7	6161	195.9
2003	14853	62.9	6161	241.0
2004	39037	58.3	6161	633.6
2005	na	na	6161	na

MANAGEMENT AREA 5-9

Table 5-9.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 5-9, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	56	49	0	--	0
Chub	0	0	2,489	0.0	0
Lake Sturgeon	4,472	126	136	92.6	355
Lake Trout	7,093	5,479	4,660	117.6	4,603
Lake Whitefish	95,364	93,244	112,884	82.6	232,518
Northern Pike	0	0	0	--	0
Walleye	8	8	820	1.0	36
Yellow Perch	1	1	3,409	0.0	3
Sub-Total	106,995	98,907	124,398		237,515
Burbot	462	0			0
Chinook Salmon	100	11			0
Common Carp	1,016	0			0
Freshwater Drum	7	0			0
Gizzard Shad	1,138	0			0
Lake Herring	5	5			3
Rainbow Trout	136	17			0
Round Whitefish	80	80			74
Sea Lamprey	5	0			0
Suckers	3,332	0			0
White Bass	4	0			0
Total	113,279	99,020	124,398		237,592

LAKE WHITEFISH

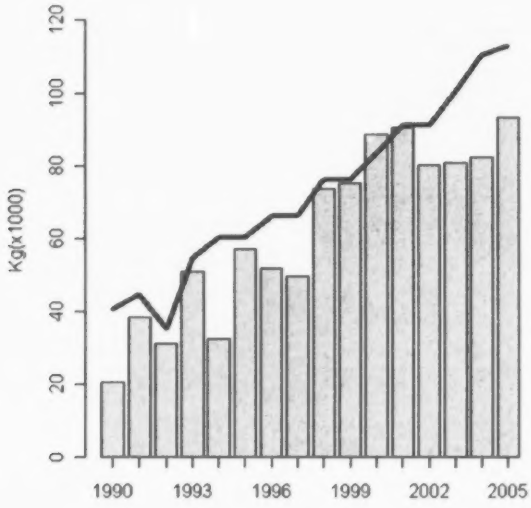

Figure 5-9.1. Lake whitefish quota (line) and harvest (bars) from management area 5-9.

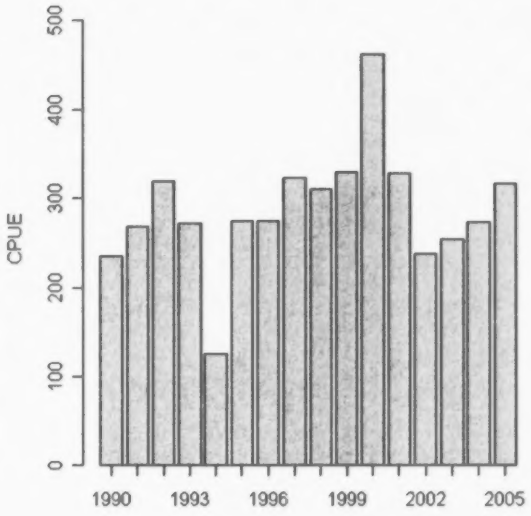

Figure 5-9.2. Lake whitefish gill net CPUE (kg/km) for management area 5-9.

Table 5-9.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-9, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	19407	119.2	150.5	40710	47.6
1989	18663	129.5	142.5	38460	48.5
1990	20680	81.0	235.1	40710	50.7
1991	38521	136.4	268.4	44590	86.3
1992	31402	97.2	320.0	35320	88.9
1993	50883	185.3	272.4	54743	92.9
1994	32651	258.1	125.8	60217	54.2
1995	57289	206.7	275.1	60217	95.1
1996	52019	186.4	274.7	66239	78.5
1997	49834	154.4	322.6	66239	75.2
1998	73677	237.7	309.9	76267	96.6
1999	75333	228.9	329.1	76267	98.7
2000	88659	192.0	461.7	83493	106.1
2001	90477	275.6	328.4	91292	99.1
2002	80382	337.2	238.3	91292	88.0
2003	80898	317.7	254.7	100421	80.5
2004	82590	302.7	273.2	110463	74.7
2005	93244	295.0	317.3	112884	82.6

CHUB

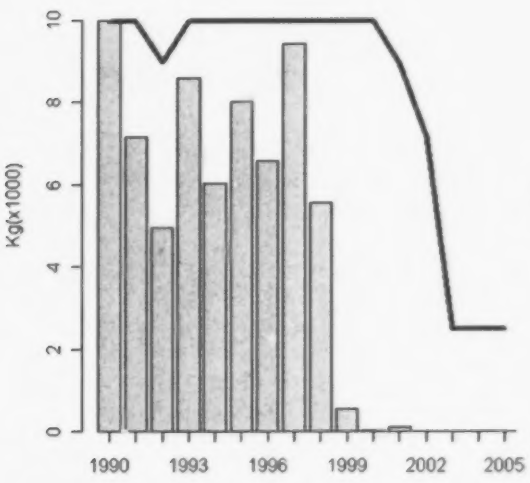

Figure 5-9.3. Chub quota (line) and harvest (bars) from management area 5-9.

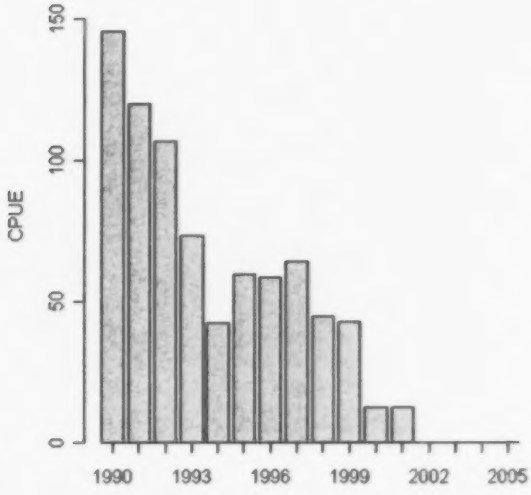

Figure 5-9.4. Chub gill net CPUE (kg/km) for management area 5-9.

Table 5-9.3. Chub harvest, targeted effort, CPUE and quota data from gill nets in quota management area 5-9, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	7046	91.4	77.0	6780	103.9
1989	11171	83.1	134.3	11303	98.8
1990	9988	68.5	145.8	9958	100.3
1991	7163	59.6	120.0	9958	71.9
1992	4937	46.0	106.9	8963	55.0
1993	8581	117.0	73.3	9958	86.1
1994	6033	141.7	42.5	9958	60.5
1995	8008	133.5	59.7	9958	80.4
1996	6588	109.2	58.5	9958	66.1
1997	9412	146.7	64.1	9958	94.5
1998	5556	119.3	44.8	9958	55.7
1999	578	13.5	42.8	9958	5.8
2000	40	3.2	12.5	9958	0.4
2001	120	9.6	12.4	8962	1.3
2002	4	0.0	–	7170	0.0
2003	0	0.0	–	2489	0.0
2004	17	0.0	–	2490	0.6
2005	0	0.0	–	2489	0.0

LAKE TROUT

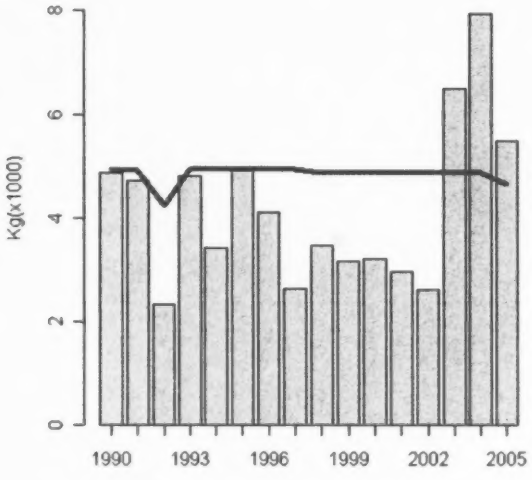

Figure 5-9.5. Lake trout quota (line) and harvest (bars) from management area 5-9.

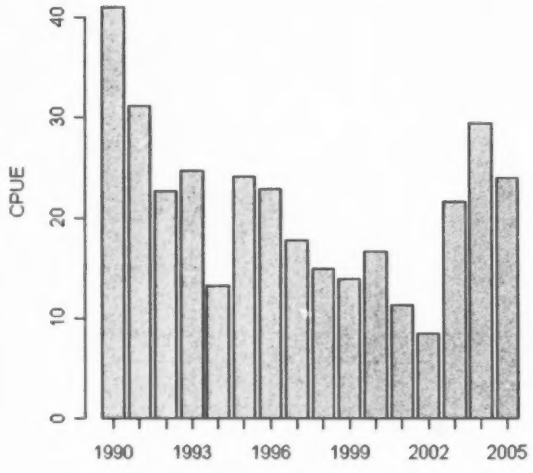

Figure 5-9.6. Lake trout gill net CPUE (kg/km) for management area 5-9.

Table 5-9.4. Lake trout harvest, CPUE and quota data from gill nets in quota management area 5-9, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	4884	33.9	4937	98.9
1989	4576	34.7	4937	92.6
1990	4880	40.9	4937	98.8
1991	4731	31.1	4927	96.0
1992	2341	22.6	4240	55.2
1993	4800	24.7	4937	97.2
1994	3426	13.2	4937	69.3
1995	4991	24.1	4937	101.0
1996	4114	22.9	4937	83.3
1997	2644	17.8	4937	53.5
1998	3468	15.0	4882	71.0
1999	3157	13.9	4882	64.6
2000	3209	16.7	4882	65.7
2001	2961	11.3	4882	60.6
2002	2614	8.5	4882	53.5
2003	6493	21.6	4882	132.9
2004	7937	29.4	4882	162.5
2005	5479	24.0	4660	117.5

NORTH CHANNEL

Table 6.1. Catch, harvest, and quota data for all commercially caught fish species in the North Channel of Lake Huron, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	18	4	7,115	0.1	3
Chub	158	15	0	--	43
Lake Sturgeon	2,113	996	5,576	17.9	4,392
Lake Trout	21,215	16,778	45,199	37.1	12,946
Lake Whitefish	182,421	180,207	351,356	51.3	355,750
Northern Pike	257	212	8,912	2.4	351
Walleye	1,521	1,460	10,821	13.5	4,828
Yellow Perch	723	723	12,835	5.6	2,231
Sub-Total	208,426	200,395	441,814		380,543
Black Crappie	0	0			0
Brown Bullhead	13	0			0
Brown Trout	6	0			0
Burbot	4,305	2			0
Chinook Salmon	1,508	43			0
Common Carp	231	76			0
Freshwater Drum	4	3			0
Gizzard Shad	1	0			0
Lake Herring	13,353	10,170			6,726
Longnose Gar	2	0			0
Longnose Sucker	2	0			0
Muskellunge	1	0			0
Pink Salmon	1,387	120			0
Rainbow Smelt	191	84			0
Rainbow Trout	114	71			0
Rock Bass	74	1			0
Round Whitefish	2,051	994			657
Sea Lamprey	374	374			0
Suckers	11,642	201			0
White Bass	168	2			0
Total	243,856	212,536	441,814		387,927

MANAGEMENT AREA 6-1

Table 6-1.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 6-1, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	18	4	6,888	0.1	3
Chub	158	15	0	--	43
Lake Sturgeon	2,113	996	5,576	17.9	4,392
Lake Trout	21,215	16,778	44,296	37.9	12,946
Lake Whitefish	182,421	180,207	347,082	51.9	355,750
Northern Pike	257	212	8,512	2.5	351
Walleye	1,521	1,460	10,821	13.5	4,828
Yellow Perch	723	723	12,148	6.0	2,231
Sub-Total	208,426	200,395	435,323		380,543
Black Crappie	0	0			0
Brown Bullhead	13	0			0
Brown Trout	6	0			0
Burbot	4,305	2			0
Chinook Salmon	1,508	43			0
Common Carp	231	76			0
Freshwater Drum	4	3			0
Gizzard Shad	1	0			0
Lake Herring	13,353	10,170			6,726
Longnose Gar	2	0			0
Longnose Sucker	2	0			0
Muskellunge	1	0			0
Pink Salmon	1,387	120			0
Rainbow Smelt	191	84			0
Rainbow Trout	114	71			0
Rock Bass	74	1			0
Round Whitefish	2,051	994			657
Sea Lamprey	374	374			0
Suckers	11,642	201			0
White Bass	168	2			0
Total	243,856	212,536	435,323		387,927

LAKE WHITEFISH

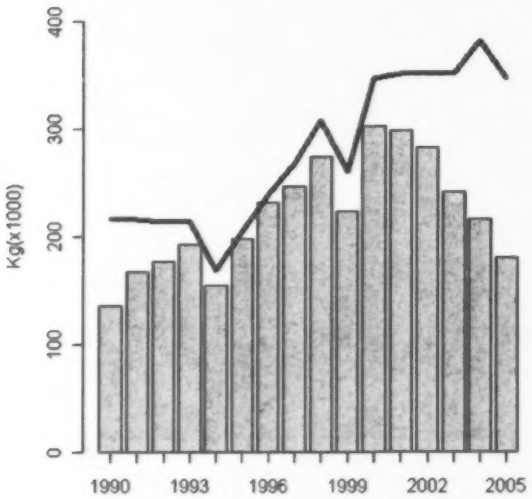

Figure 6-1.1. Lake whitefish quota (line) and harvest (bars) from management area 6-1.

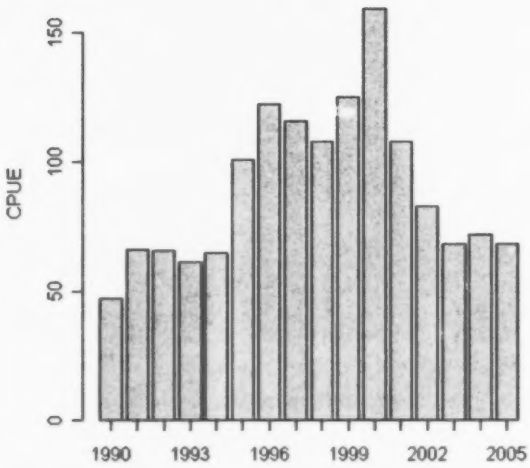

Figure 6-1.2. Lake whitefish gill net CPUE (kg/km) for management area 6-1.

Table 6-1.2. Lake whitefish harvest, targeted effort, CPUE and quota data from quota management area 6-1, 1988 to 2005.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1988	154120	29995	184115	2477.8	148.0	56.3	201.6	244031	75.4
1989	130600	10346	140946	2219.0	121.0	49.7	84.7	243151	57.9
1990	128290	7784	136074	2427.3	194.0	47.0	38.2	217577	62.5
1991	156161	11654	167815	2177.4	114.0	66.0	102.2	216576	77.4
1992	174749	2709	177458	2518.2	42.0	65.8	64.3	214342	82.7
1993	175754	17226	192980	2733.8	179.0	61.0	95.9	214306	90.0
1994	154618	145	154763	2383.2	3.0	64.6	74.0	169065	91.5
1995	197557	711	198268	1953.2	8.0	100.5	88.9	205027	96.7
1996	232421	0	232421	1894.8	0.0	122.2	0.0	239665	96.9
1997	246481	0	246481	2127.8	0.0	115.5	0.0	268173	91.9
1998	273678	0	273678	2532.4	0.0	107.6	0.0	307458	89.0
1999	223236	0	223236	1783.8	0.0	124.7	0.0	260489	85.6
2000	302053	0	302053	1628.4	0.0	159.0	0.0	346457	87.1
2001	298121	0	298121	2439.3	0.0	107.6	0.0	351300	84.8
2002	282719	0	282719	3246.8	0.0	82.7	0.0	351300	80.4
2003	236947	801	237748	2880.4	6.0	68.4	180.2	351300	68.7
2004	216240	0	216240	2832.9	0.0	71.5	0.0	381101	56.7
2005	180207	0	180207	2649.5	0.0	68.1	0.0	347082	51.9

YELLOW PERCH

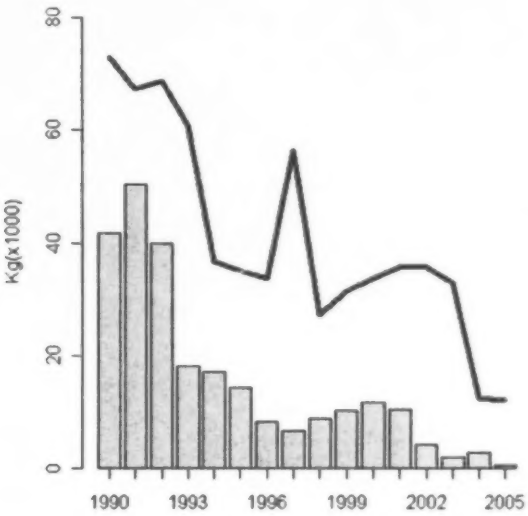

Figure 6-1.3. Yellow perch quota (line) and harvest (bars) from management area 6-1.

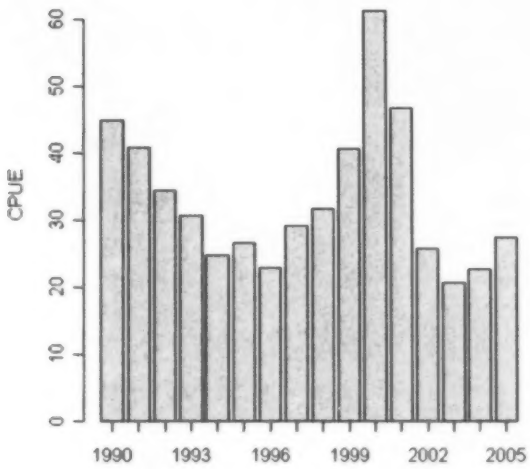

Figure 6-1.4. Yellow perch gill net CPUE (kg/km) for management area 6-1.

Table 6-1.3. Yellow perch harvest, targeted effort, CPUE and quota data from quota management area 6-1, 1988 to 2005.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1988	50652	0	50652	793.3	0.0	62.2	0.0	82069	61.7
1989	37716	1078	38794	640.2	15.0	53.2	25.7	81381	47.6
1990	41415	181	41596	902.1	4.0	44.9	20.0	72916	57.2
1991	50201	11	50212	1177.5	0.0	40.9	0.0	67418	74.8
1992	37351	0	37351	1038.5	0.0	34.3	0.0	68793	58.0
1993	17226	0	17226	516.2	0.0	30.7	0.0	60676	30.0
1994	16747	0	16747	674.8	0.0	24.8	0.0	36773	46.7
1995	14467	0	14467	541.3	0.0	26.7	0.0	35155	41.1
1996	8259	0	8259	358.4	0.0	22.9	0.0	33802	24.4
1997	6711	0	6711	227.3	0.0	29.2	0.0	56498	11.8
1998	8975	0	8975	279.7	0.0	31.7	0.0	27319	32.8
1999	10337	0	10337	254.4	0.0	40.6	0.0	31424	32.8
2000	11710	0	11710	196.2	0.0	61.3	0.0	33658	34.7
2001	10665	0	10665	216.6	0.0	46.8	0.0	35750	29.8
2002	4351	0	4351	167.3	0.0	25.8	0.0	35750	12.1
2003	2172	0	2172	103.5	0.0	20.6	0.0	32837	6.6
2004	2906	0	2906	112.0	0.0	22.7	0.0	12651	22.9
2005	723	0	723	26.1	0.0	27.5	0.0	12148	5.9

WALLEYE

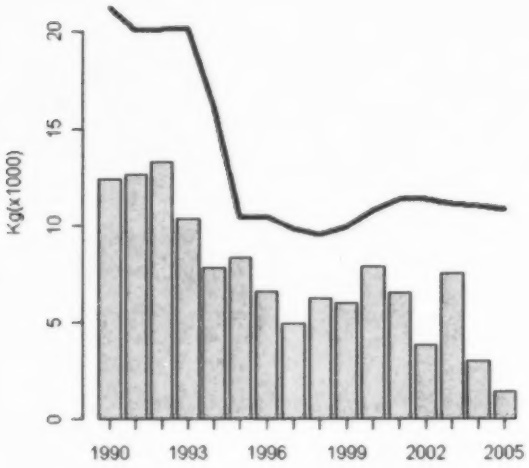

Figure 6-1.5. Walleye quota (line) and harvest (bars) from management area 6-1.

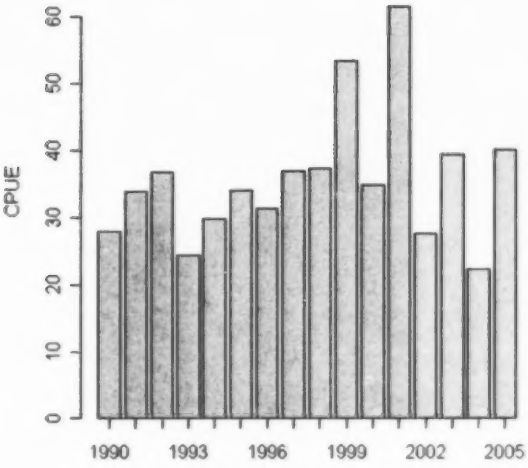

Figure 6-1.6. Walleye gill net CPUE (kg/km) for management area 6-1.

Table 6-1.4. Walleye harvest, targeted effort, CPUE and quota data from quota management area 6-1, 1988 to 2005.

Year	Harvest(kg)			Effort		CPUE		Quota	Percent
	Gill	Trap	Total	Gill(km)	Trap(lifts)	Gill	Trap	(kg)	Taken
1988	11429	237	11666	274.3	0.0	31.5	0.0	22203	52.5
1989	16078	333	16411	405.7	3.0	28.9	75.6	22383	73.3
1990	11241	652	11893	266.2	6.0	27.8	24.3	21224	58.3
1991	12141	492	12633	211.7	4.0	33.9	30.8	20069	62.9
1992	12867	33	12900	284.5	0.0	36.8	0.0	20112	66.1
1993	10238	97	10335	301.9	2.0	24.3	2.7	20109	51.5
1994	7829	0	7829	222.5	0.0	29.8	0.0	16100	48.6
1995	8242	80	8322	217.6	0.0	34.0	0.0	10385	80.1
1996	6558	0	6558	170.7	0.0	31.3	0.0	10431	63.2
1997	4961	0	4961	114.0	0.0	36.9	0.0	9818	50.5
1998	6255	0	6255	128.9	0.0	37.2	0.0	9524	65.6
1999	6022	0	6022	94.7	0.0	53.3	0.0	9924	60.6
2000	7907	0	7907	45.9	0.0	34.9	0.0	10724	73.7
2001	6539	0	6539	29.2	0.0	61.5	0.0	11329	57.7
2002	3867	0	3867	39.4	0.0	27.5	0.0	11329	34.1
2003	7546	0	7546	30.1	0.0	39.5	0.0	11124	67.8
2004	3008	0	3008	31.0	0.0	22.2	0.0	11011	27.3
2005	1460	0	1460	12.1	0.0	40.1	0.0	10821	13.4

LAKE TROUT

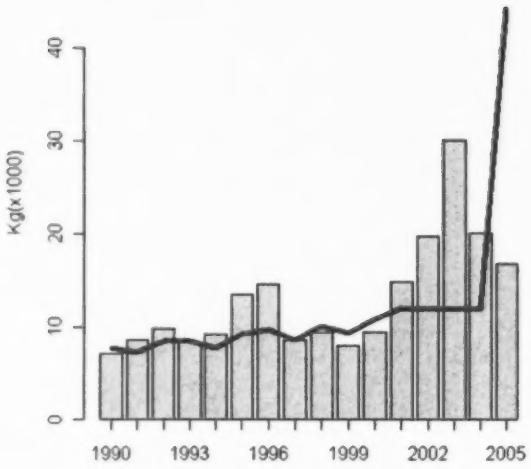

Figure 6-1.7. Lake trout quota (line) and harvest (bars) from management area 6-1.

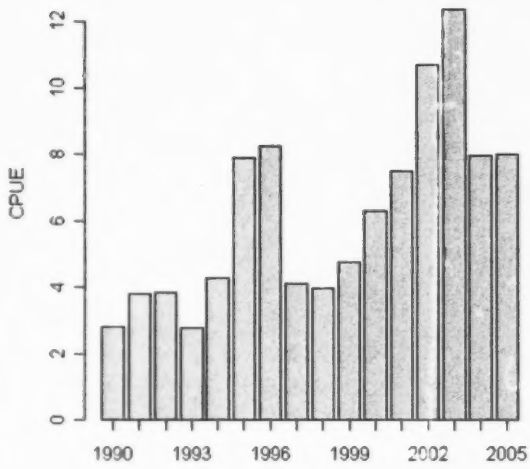

Figure 6-1.8. Lake trout gill net CPUE (kg/km) for management area 6-1.

Table 6-1.5. Lake trout harvest, CPUE and quota data from gill nets in quota management area 6-1, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	3912	1.5	5397	72.4
1989	6240	2.5	5395	115.6
1990	7127	2.8	7735	92.1
1991	8609	3.8	7232	119.0
1992	9849	3.8	8494	115.9
1993	8344	2.7	8494	98.2
1994	9209	4.2	7714	119.3
1995	13536	7.9	9195	147.2
1996	14608	8.2	9699	150.6
1997	8646	4.1	8628	100.2
1998	9502	3.9	10102	94.0
1999	8044	4.7	9387	85.6
2000	9449	6.2	10787	87.5
2001	14809	7.4	12000	123.4
2002	19748	10.7	11958	165.1
2003	30171	12.3	11958	252.3
2004	20176	7.9	11958	168.7
2005	16778	8.0	44296	37.8

LAKE STURGEON

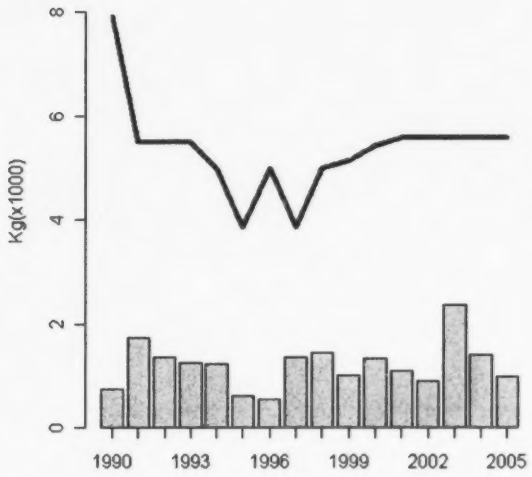

Figure 6-1.9. Lake sturgeon quota (line) and harvest (bars) from management area 6-1.

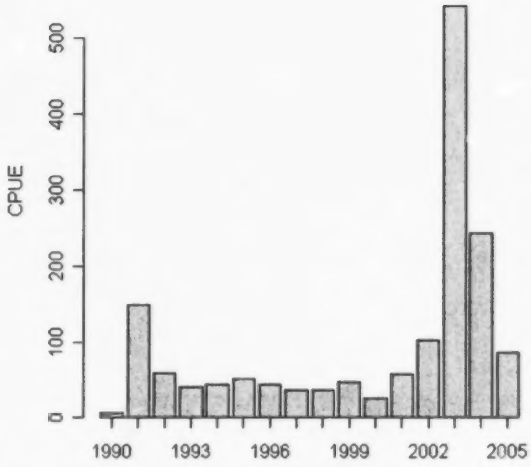

Figure 6-1.10. Lake sturgeon gill net CPUE (kg/km) for management area 6-1.

Table 6-1.6. Lake sturgeon harvest, targeted effort, CPUE and quota data from gill nets in quota management area 6-1, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	1488	6.7	133.0	6245	23.8
1989	3619	14.9	169.7	8001	45.2
1990	757	6.0	6.6	7911	9.5
1991	1732	6.2	149.3	5493	31.5
1992	1365	8.4	59.8	5493	24.8
1993	1260	10.2	41.6	5493	22.9
1994	1228	15.0	44.4	4985	24.6
1995	628	6.5	52.1	3865	16.2
1996	566	8.5	44.6	4985	11.3
1997	1359	21.7	36.9	3865	35.1
1998	1450	23.9	36.6	4985	29.0
1999	1021	17.2	46.8	5135	19.8
2000	1336	14.4	26.8	5435	24.5
2001	1109	2.2	59.0	5585	19.8
2002	900	1.1	111.4	5585	16.1
2003	2371	0.3	600.7	5585	42.4
2004	1407	0.8	249.7	5585	25.1
2005	996	5.1	87.0	5576	17.8

NORTHERN PIKE

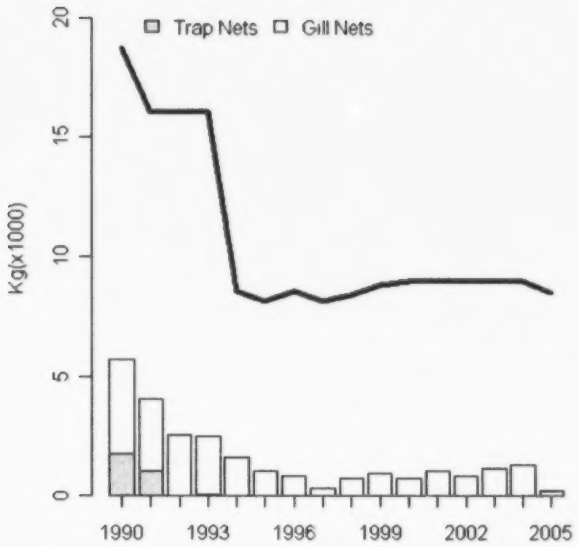

Figure 6-1.11. Northern pike quota (line) and harvest (bars) from management area 6-1.

Table 6-1.7. Northern pike harvest and quota for management area 6-1, 1988 to 2005.

Year	Harvest (kg)	Quota (kg)	% Quota Taken
1988	7170	19069	37.6
1989	6839	19410	35.2
1990	6711	18729	35.8
1991	4070	16036	25.3
1992	4075	16037	25.4
1993	2564	16036	15.5
1994	1673	8579	19.5
1995	1060	8125	12.3
1996	958	8579	11.1
1997	347	8125	4
1998	738	8392	8.4
1999	932	8792	10.6
2000	746	8992	8.2
2001	1080	8979	11.8
2002	863	8979	9.6
2003	1152	8979	12.6
2004	1295	8979	14.2
2005	212	8512	1.3

MANAGEMENT AREA 6-3

Table 6-3.1. Catch, harvest, and quota data for all commercially caught fish species for quota management area 6-3, 2005.

Species	Catch (kg)	Harvest (kg)	Quota (kg)	% Quota Taken	Value ($)
Channel Catfish	0	0	227	0.0	0
Chub	0	0	0	--	0
Lake Sturgeon	0	0	0	--	0
Lake Trout	0	0	903	0.0	0
Lake Whitefish	0	0	4,274	0.0	0
Northern Pike	0	0	400	0.0	0
Walleye	0	0	0	--	0
Yellow Perch	0	0	687	0.0	0
Sub-Total	0	0	6,491		0
Total	0	0	6,491		0

LAKE WHITEFISH

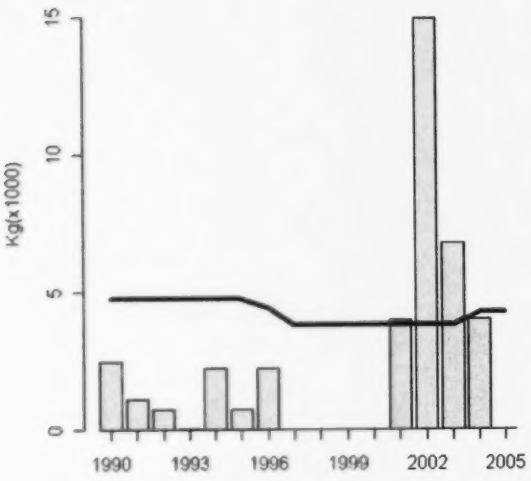

Figure 6-3.1. Lake whitefish quota (line) and harvest (bars) from management area 6-3.

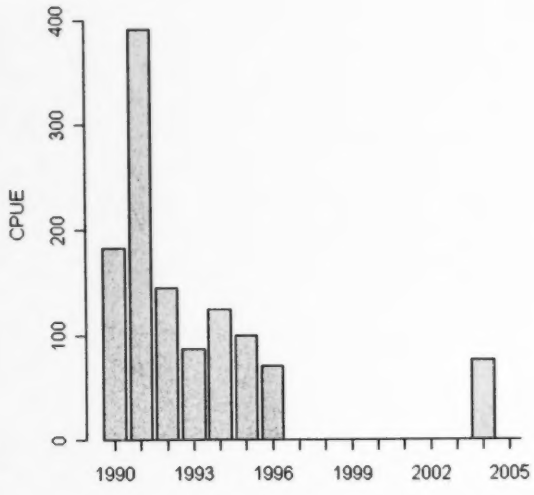

Figure 6-3.2. Lake whitefish gill net CPUE (kg/km) for management area 6-3.

Table 6-3.2. Lake whitefish harvest, targeted effort, CPUE and quota data from gill nets in quota management area 6-3, 1988 to 2005.

Year	Harvest (kg)	Effort (km)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	183	0.0	--	4336	4.2
1989	849	0.7	239.4	4855	17.4
1990	2505	13.5	183.5	4774	52.4
1991	1145	2.9	394.1	4774	23.9
1992	770	3.2	148.7	4774	16.1
1993	62	0.3	105.8	4774	1.2
1994	2267	18.0	125.0	4774	47.4
1995	765	7.6	100.6	4774	16.0
1996	2271	21.4	71.3	4432	51.2
1997	0	0.0	--	3818	0.0
1998	0	0.0	--	3818	0.0
1999	0	0.0	--	3818	0.0
2000	0	0.0	--	3818	0.0
2001	3980	0.0	--	3818	104.2
2002	14962	0.0	--	3818	391.8
2003	6782	0.0	--	3818	177.6
2004	4020	53.2	75.5	4274	94.0
2005	0	0.0	--	4274	0.0

LAKE TROUT

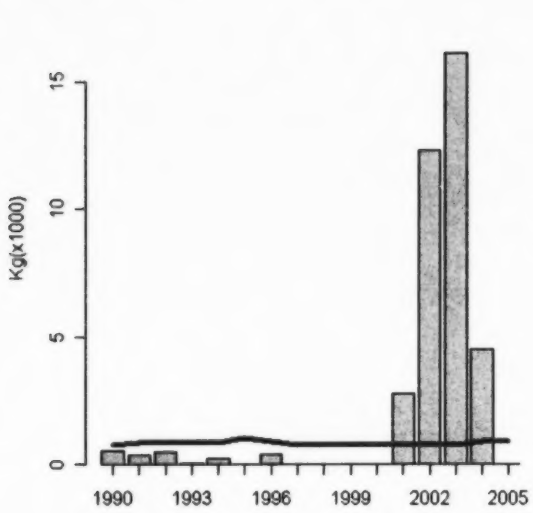

Figure 6-3.3. Lake trout quota (line) and harvest (bars) from management area 6-3.

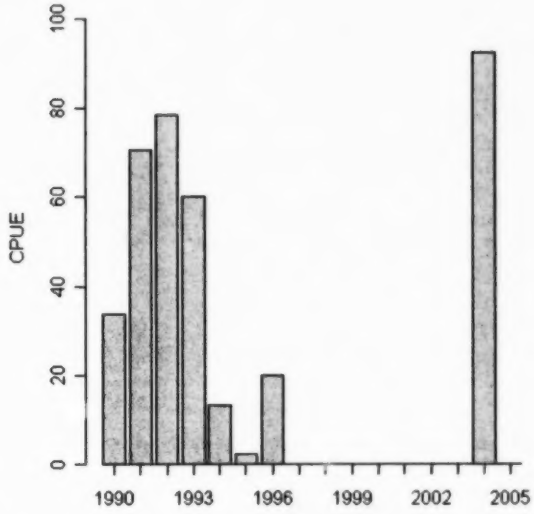

Figure 6-3.4. Lake trout gill net CPUE (kg/km) for management area 6-3.

Table 6-3.3. Lake trout harvest, CPUE and quota data from gill nets in quota management area 6-3, 1988 to 2005. Effort used to calculate CPUE was lake whitefish targeted effort that incidentally caught lake trout.

Year	Harvest (kg)	CPUE (kg/km)	Quota (kg)	% Quota Taken
1988	1962	2145.6	460	426.5
1989	941	1286.3	394	238.8
1990	551	33.8	774	71.1
1991	361	70.4	888	40.6
1992	516	78.3	888	58.1
1993	88	60.1	888	9.9
1994	259	13.3	888	29.1
1995	19	2.4	1032	1.8
1996	428	19.9	904	47.3
1997	0	--	772	0.0
1998	0	--	772	0.0
1999	0	--	772	0.0
2000	0	--	772	0.0
2001	2757	--	772	357.1
2002	12306	--	772	1594.0
2003	16092	--	772	2084.4
2004	4495	92.3	903	497.7
2005	0	--	903	0.0